Warning

- Daikin Industries, Ltd.'s products are manufactured for export to numerous countries throughout the world. Daikin Industries, Ltd. does not have control over which products are exported to and used in a particular country. Prior to purchase, please therefore confirm with your local authorised importer, distributor and/or retailer whether this product conforms to the applicable standards, and is suitable for use, in the region where the product will be used. This statement does not purport to exclude, restrict or modify the application of any local legislation.
- Ask a qualified installer or contractor to install this product. Do not try to install the product yourself. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Use only those parts and accessories supplied or specified by Daikin. Ask a qualified installer or contractor to install those parts and accessories. Use of unauthorised parts and accessories or improper installation of parts and accessories can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Read the User's Manual carefully before using this product. The User's Manual provides important safety instructions and warnings. Be sure to follow these instructions and warnings.

If you have any enquiries, please contact your local importer, distributor and/or retailer.

Cautions on product corrosion

1. Air conditioners should not be installed in areas where corrosive gases, such as acid gas or alkaline gas, are produced.
2. If the outdoor unit is to be installed close to the sea shore, direct exposure to the sea breeze should be avoided. If you need to install the outdoor unit close to the sea shore, contact your local distributor.

JMI-0107 JQA-1452

Quality Endorsed Company
Daikin Australia Pty Limited (ISO 9001) QEC 23256 31 May 2006

About ISO 9001

ISO 9001 is a plant certification system defined by the International Organization for Standardization (ISO) relating to quality assurance. ISO 9001 certification covers quality assurance aspects related to the "design, development, manufacture, installation, and supplementary service" of products manufactured at

EC99J2044

Certified Environmental Management
Daikin Australia Pty Limited (ISO 14001) CEM20437 13 November 2006

About ISO 14001

ISO 14001 is the standard defined by the International Organization for Standardization (ISO) relating to environmental management systems. Our group has been acknowledged by an internationally accredited compliance organisation as having an appropriate programme of environmental protection procedures and activities to meet the

Dealer

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DAIKIN

PCVAU0737A

VRV® III-S

THE INTELLIGENT AIR CONDITIONING SYSTEM

A special air conditioning system designed for small-sized buildings

HEAT PUMP

Heat Pump 50 Hz

R-410A

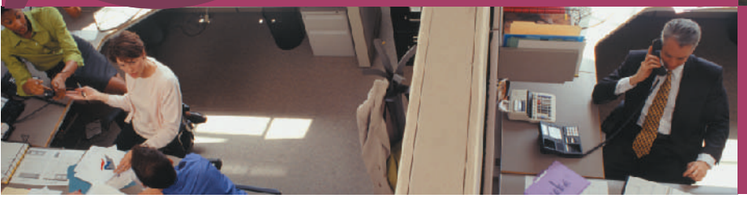
The ideal air conditioning system for small offices and shops

Extending the core "5S" concept—Space saving, Sufficient capacity, Slim design, Sound-reduced operation and Single phase power supply—Daikin's VRV III-S offers added value with the "2E" concept—Easy installation and Easy maintenance. With all these features and more, we proudly present the ideal air conditioning system designed for small-sized buildings.

The 5S +2E concepts of VRV® III-S

5S concept

- Space saving
- Sufficient capacity
- Slim design
- Sound-reduced operation
- Single phase power supply

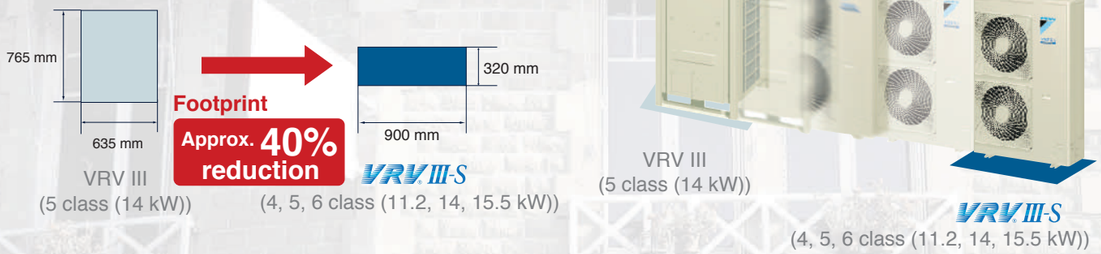


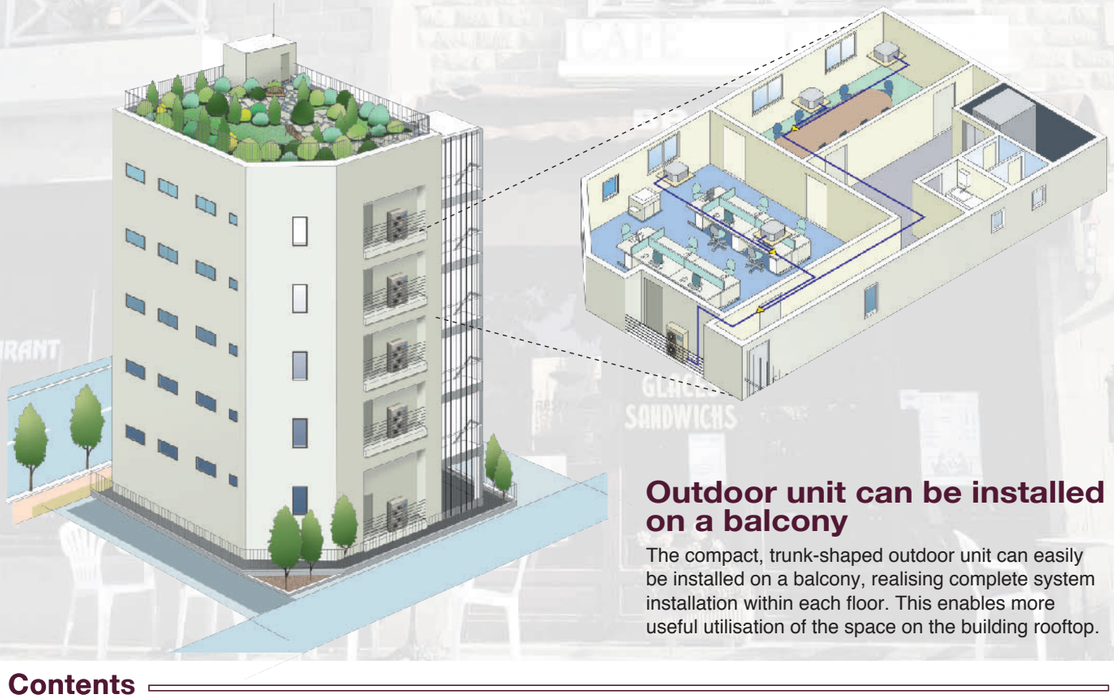
2E concept

- Easy maintenance
- Easy installation

Slim, compact and sufficient capacity

The VRV III-S is highly space saving, featuring slim and compact outdoor units. It is suitable for small offices and shops with capacities of 4, 5 and 6 class (11.2, 14 and 15.5 kW).





Outdoor unit can be installed on a balcony

The compact, trunk-shaped outdoor unit can easily be installed on a balcony, realising complete system installation within each floor. This enables more useful utilisation of the space on the building rooftop.

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Wide range of choices

To suit the variety of rooms found in small offices and shops, the VRV III-S system offers wide range of indoor and outdoor units. VRV III-S indoor and outdoor units are almost as easy to install as residential air conditioning systems, making them ideal for small offices and shops.

Outdoor units

3 models

Outdoor unit can be selected from three models to provide the power that suits your needs. The trunk-shaped outdoor unit can be neatly installed.

RXYMQ4PV4A 4 class (11.2 kW)
RXYMQ5PV4A 5 class (14 kW)
RXYMQ6PV4A 6 class (15.5 kW)

Indoor units

14 types 77 models

A wide range of indoor units includes 77 models in 14 types. The indoor units can be selected to match rooms and preferences.

Indoor unit lineup 14 types 77 models

Type		Capacity Range	2.2 kW	2.8 kW	3.6 kW	4.5 kW	5.6 kW	7.1 kW	9 kW	11.2 kW	14.0 kW	15.7 kW
		Capacity index	20	25	31.25	40	50	62.5	80	100	125	145
Ceiling Mounted Cassette (Double Flow)	FXCQ-M		●	●	●	●	●	●	●		●	
Ceiling Mounted Cassette (Multi Flow)	FXFQ-M			●	●	●	●	●	●	●	●	
Ceiling Mounted Cassette (Compact Multi Flow)	FXZQ-M8		●	●	●	●	●					
Ceiling Mounted Cassette Corner	FXKQ-MA			●	●	●		●				
Slim Ceiling Mounted Duct	FXDQ-PVE (700 mm width type)		●	●	●							
	FXDQ-NAVE (900/1,100 mm width type)		●	●	●	●	●	●				
Ceiling Mounted Built-in	FXSQ-M		●	●	●	●	●	●	●	●	●	
Ceiling Concealed (Duct)	FXDYQ-M								●	●	●	●
Ceiling Mounted Duct	FXMQ-MA					●	●	●	●	●	●	
Ceiling Suspended	FXHQ-MA				●			●		●		
Wall Mounted	FXAQ-MA		●	●	●	●	●	●				
Floor Standing	FXLQ-MA		●	●	●	●	●	●				
Concealed Floor Standing	FXNQ-MA		●	●	●	●	●	●				

Note: • R-410A VRV system indoor units are not compatible with the R-22 VRV system.

Type	Capacity Range	2.2 kW	2.8 kW	3.6 kW	4.5 kW	5.6 kW	8 kW	11.2 kW	14 kW
	Capacity Index	20	25	31.25	40	50	71	100	125
Ceiling Suspended Cassette		–	–	–	–	–	FXUQ71MAV1	FXUQ100MAV1	FXUQ125MAV1
	Connection Unit	–					BEVQ71MAVE	BEVQ100MAVE	BEVQ125MAVE

Note: • BEV units are necessary for Connection unit series indoor units. Refer to the Engineering Data for details.

Energy efficiency and quiet operation

Outdoor units have been newly designed using the latest technologies to realise energy saving performance and quiet operation.

Improved

High COP during both cooling and heating operations

One of the top features of the VRV III-S is its energy efficiency. It achieves high COP during cooling and heating operations by utilising a newly designed compressor.

High COP achieved in all ranges!

		VRVII-S Previous model RXYMQ-MV4A	VRV III-S
Cooling	4 class (11.2 kW)	3.07	3.15
	5 class (14 kW)	2.81	2.94
	6 class (15.5 kW)	2.82	3.03
Heating	4 class (11.2 kW)	3.27	3.37
	5 class (14 kW)	3.58	3.73
	6 class (15.5 kW)	3.45	3.62

Above values are based on the following nominal conditions:
Note: • 2 built-in units are connected (4 class (11.2 kW): FXSQ50M x 2; 5 class (14 kW): FXSQ63M x 2; and 6 class (15.5 kW): FXSQ63M + FXSQ80M.)
• Cooling: Indoor temp. of 27°C DB, 19.0°C WB, and outdoor temp. of 35.0°C DB.
• Heating: Indoor temp. of 20°C DB, and outdoor temp. of 7°C DB, 6°C WB.

Improved

Quiet operation provides luxurious comfort

Quietness is yet another important feature of Daikin's VRV III-S system. To reduce noise and realise comfortable operation, latest technologies and features are applied to the outdoor units.

Lower operation sound is achieved!

1 dB reduced in each model!

		VRVII-S Previous model RXYMQ-MV4A		VRV III-S
Cooling	4 class (11.2 kW)	51	-1dB	50
	5 class (14 kW)	52	-1dB	51
	6 class (15.5 kW)	54	-1dB	53
Heating	4 class (11.2 kW)	53	-1dB	52
	5 class (14 kW)	54	-1dB	53
	6 class (15.5 kW)	56	-1dB	55

Nighttime quiet operation function

Operation sound level selectable from 3 steps for the night mode

Mode 1. Automatic mode

Set on the outdoor PCB. Time of maximum temperature is memorised. The low operating mode will initiate 8 hours*1 after the peak temperature in the daytime, and normal operation will resume 10 hours*2 after that. The operation sound level for the night mode can be selected from 47 dB (Step 1), 44 dB (Step 2) and 41 dB (Step 3).

Mode 2. Manual mode

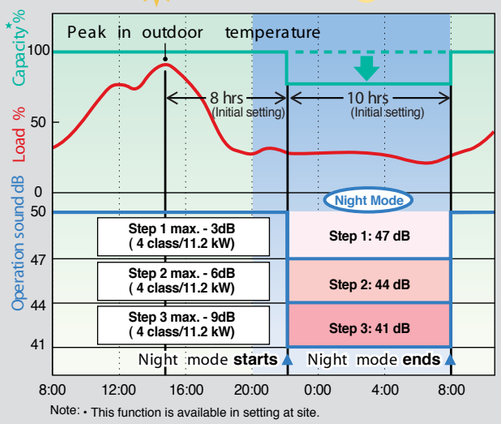
Starting time and ending time can be input. (An external control adaptor for outdoor unit, DTA104A61 or DTA104A62, and a field supplied time clock are necessary.)

Mode 3. Combined mode

Combinations of modes 1 and 2 can be used depending on your needs.

*1. Initial setting. Can be selected from 6, 8 and 10 hours.
*2. Initial setting. Can be selected from 8, 9 and 10 hours.

Mode 1. Automatic mode



Note: • This function is available in setting at site.
• The relationship of outdoor temperature (load) and time shown in the graph is just an example.
*The capacity reduction rate differs depending on the operation sound level step selected.

A collection of cutting-edge technologies results in efficient and quiet operation.

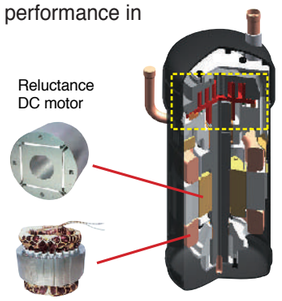
Improving the high efficiency compressor to achieve a high COP

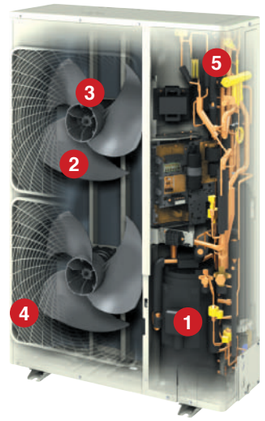
1 Reluctance DC Scroll Compressor

Overheating losses are reduced by pressurising the area around the motor, boosting energy saving performance in conjunction with other features.

High thrust mechanism

By introducing high pressure oil, the reactive force from the fixed scroll is added to the internal force, thereby reducing thrust losses. This results in improved efficiency and suppressed sound levels.

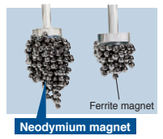




RXYMQ4PV4A
RXYMQ5PV4A
RXYMQ6PV4A

>> Powerful magnets

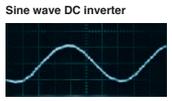
Use of neodymium magnets in the motor enables efficient generation of high torque, reducing the size of the compressor.



Neodymium magnets are much more powerful than the commonly used ferrite magnets.

>> Smooth sine wave DC inverter

Use of an optimised sine wave smoothes motor rotation, further improving operating efficiency.



>> Stronger materials

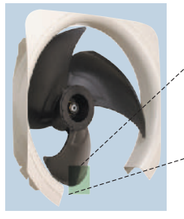
The strength of the casing has been increased by boosting the internal dome pressure.

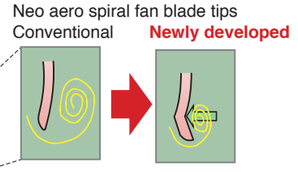
>> Optimal refrigerant configuration

Changes to the shape of the spiral and volume ratio result in optimal refrigerant layout.

2 Smooth Air Inlet Bell Mouth and Aero Spiral Fan

These two features work to significantly reduce noise. Guides are added to the bell mouth intake to reduce turbulence in the airflow generated by fan suction. The Aero Spiral Fan features fan blades with the bent blade edges, further reducing turbulence.



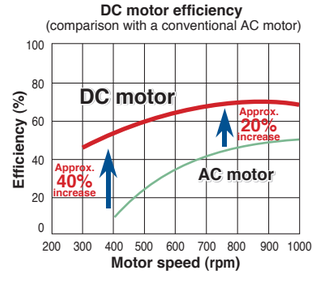


Escaping eddies are sucked in by the bent blade edges, reducing overall turbulence.

3 DC fan motor

Efficiency improved in all areas compared to conventional AC motors, especially at low speeds.

DC fan motor structure



Note: Data are based on studies conducted under controlled conditions at a Daikin laboratory.

4 Super Aero Grille

Refined ventilation mechanism enables further reduction in required fan power.

5 SC heat exchanger

A larger sub-cooled area reduces refrigerant flow sound by making it easer to form a liquid seal in front of the electrical valve.

Design flexibility

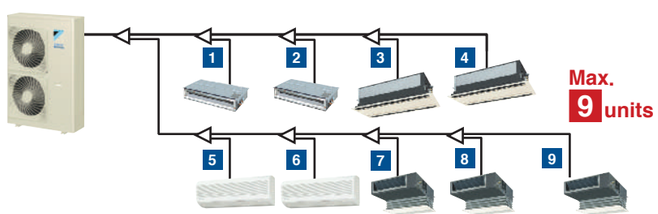
VRV III-S systems offer broad design flexibility with long refrigerant piping lengths and multiple indoor unit combinations, which provides generous freedom for office and shop design both inside and out.

Up to 9 indoor units can be connected to a single outdoor unit

Multiple indoor unit combinations are possible.* As many as 9 indoor units can be connected to a 6 class (15.5 kW) unit, making the VRV III-S a versatile system.

* Indoor units can be connected up to 130% of the capacity of the outdoor unit.

For a **6 class (15.5 kW)** installation



Max. **9** units

>> **Max. 8 indoor units** for a **5 class (14 kW)** installation

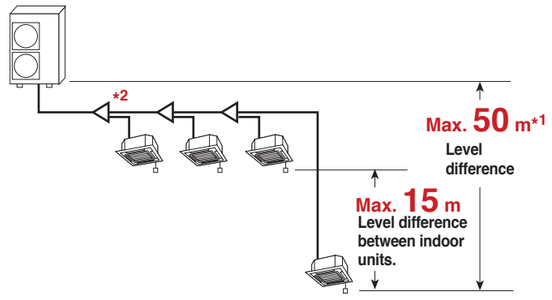
>> **Max. 6 indoor units** for a **4 class (11.2 kW)** installation

Long piping design possible

The VRV III-S provides the long piping length possibility of 150 m, with a total piping length of 300 m. If the outdoor unit is installed above indoor units the level difference can be up to a maximum of 50 m. These generous allowances facilitate an extensive variety of system designs.

Actual piping length
Max. 150 m

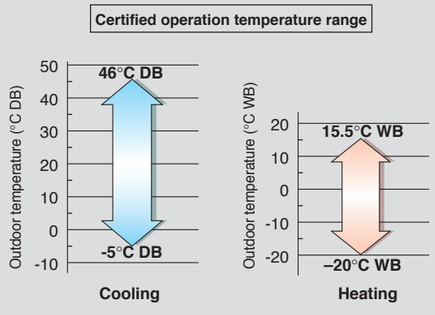
Total piping length
Max. 300 m



Note:*1. 40 m when the outdoor unit is installed below indoor units.
*2. Maximum piping length between the indoor unit and the first branch is 40 m.

Wide operation temperature range

The operation range of the VRV III-S system works to reduce limitations on installation locations. The operation temperature range for heating goes all the way down to -20°C, while cooling can be performed with outdoor temperatures as high as 46°C. Both these achievements are due to the employment of a high-pressure dome-type compressor.



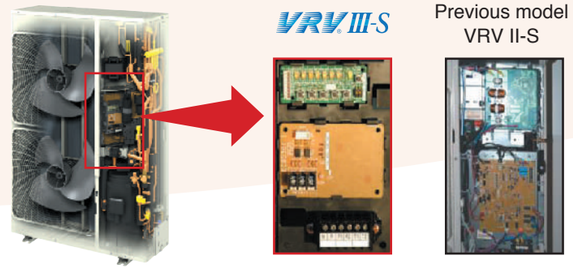
Easy installation

A variety of functions are provided that make installation easier, such as simple wiring and piping and automatic test operation.

Improved

Easy wiring

A new type of printed circuit board has been adopted that is much easier to see and wire during installation.



Improved

Automatic test operation

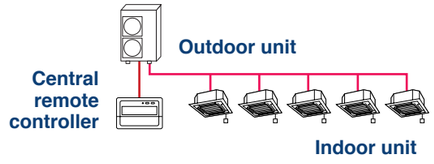
Simply press the test operation button after refrigerant charging is completed, and the unit performs an automatic system check, including wiring, shutoff valves, and sensors. The results are returned automatically after the check finishes.

Simple wiring and piping connection

Unique piping and wiring systems make it possible to install a VRV III-S system quickly and easily.

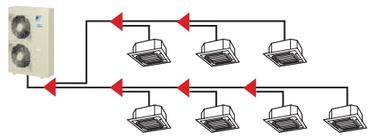
>> Super wiring system

A super wiring system is used to enable shared use of the wiring between indoor and outdoor units and the central control wiring, with a relatively simple wiring operation. The DIII-NET communication system is employed to enable the use of advanced control system.



>> REFNET piping system

Daikin's advanced REFNET piping system makes installation easy. Only two main refrigerant lines are required in any one system. REFNET greatly reduces the imbalances in refrigerant flow between units, while using small-diameter piping.



Easy maintenance

VRV III-S features a memory function that helps to identify the problem if a malfunction occurs.

Improved

Memory function for operation data

Operating data for the preceding 3 minutes is automatically stored in memory. Should a malfunction occur, this speeds up the process of identifying and fixing the cause of the problem.

Control systems

The VRV III-S system uses the same DIII-NET communication system as the VRV, enabling the use of advanced control systems.

Individual control systems

Wired remote controller (Option)

BRC1C62

- Easier to read because LCD screen is larger.
- Digital display lets you set temperature in 1°C units.
- Lets you individually programme by timer the respective times for operation start and stop within a maximum of 72 hours.
- Equipped with a thermostat sensor in the remote controller that makes possible more comfortable room temperature control.
- Enables you to select cool/heat/fan operation mode with the indoor remote controller of your choice without using the cool/heat selector. (dependant on system)
- Equipped with self-diagnosis function that constantly monitors the system for malfunctions. Should a problem occur, the system alerts you of the problem through an alphanumeric code.
- Lets you carry out various field settings by remote controller.
- The rubber switch and the oil-resisting resin casing have been adopted for durability.

* When the auto-swing function is not available, the message, THIS FUNCTION IS NOT AVAILABLE is displayed when the air direction adjustment button is pressed.

Wired remote controller with weekly schedule timer (Option)

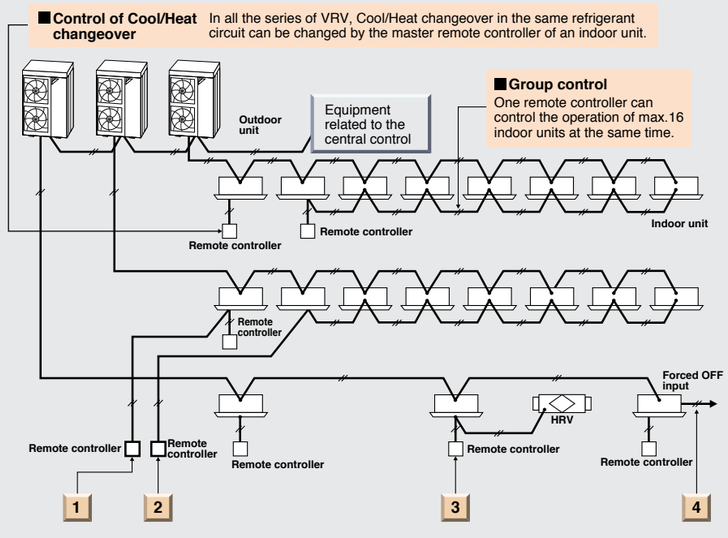
BRC1D61

Adds advanced functions to those of the above wired remote controller.

- Includes ventilation mode and airflow rate switching, the main functions of HRV series.
- 24-hour clock function (1-hour backup for power failures)
- Programming function for each day of week.
- Scheduling possible of start/stop and temperature limit (5 settings/day)
- Programming can be enabled or disabled.
- Copy function for programmed schedules.

Notes: 1. Standard remote controllers (BRC1C62) not required.
2. If the BRC1D61 is connected to the centralised remote controllers (DCS302CA61, DCS301BA61, DST301BA61), the schedule function is not available.

The wired remote controller supports a wide range of control functions



1 Control by two remote controllers

The indoor unit can be connected by the two remote controller, for example one in the room and the other one in the control room, which can control the operation of indoor unit freely. (The last command has a priority.) Of course, the group control by two remote controllers is also possible.

2 Remote control

The wiring of remote controller can be extended to max.500 m and it is possible to install the remote controllers for the different indoor units in one place.

3 Control for the combined operation

The operation of HRV can be controlled by the remote controller of the indoor unit. Of course, the remote controller can display the time to clean the filter.

4 Expansion of system control

The system can be expanded to add several controllers, such as BMS, Forced OFF input and etc.

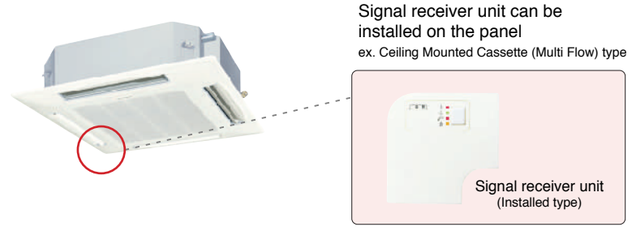
★ Refer to page 7 for the total number of indoor units that can be connected to the outdoor unit.

Wireless remote controller (Option)

Wireless remote controller

Signal receiver unit (Separate type)

- The same operation modes and settings as with wired remote controllers (BRC1C62 only) are possible.
- A compact signal receiver unit to be mounted into a wall or ceiling is included.
  - A signal receiver unit for a Ceiling Mounted Cassette (Double Flow, Multi Flow) type, Ceiling Suspended type and Wall Mounted type is mounted into the indoor unit.


Signal receiver unit can be installed on the panel
ex. Ceiling Mounted Cassette (Multi Flow) type
Signal receiver unit
(Installed type)

* Refer to page 37 for the name of each model.

Simple remote controller (Option)

Exposed type (BRC2C51)

Concealed type (For hotel use) (BRC3A61)

- The remote controller has centralised its frequently used operation selectors and switches (on/off, operation mode, temperature setting and airflow volume), making itself suitable for use in hotel rooms or conference rooms.
- The exposed type remote controller is fitted with a thermostat sensor.

The concealed-type remote controller smartly fits into a night table or console panel in a hotel room.

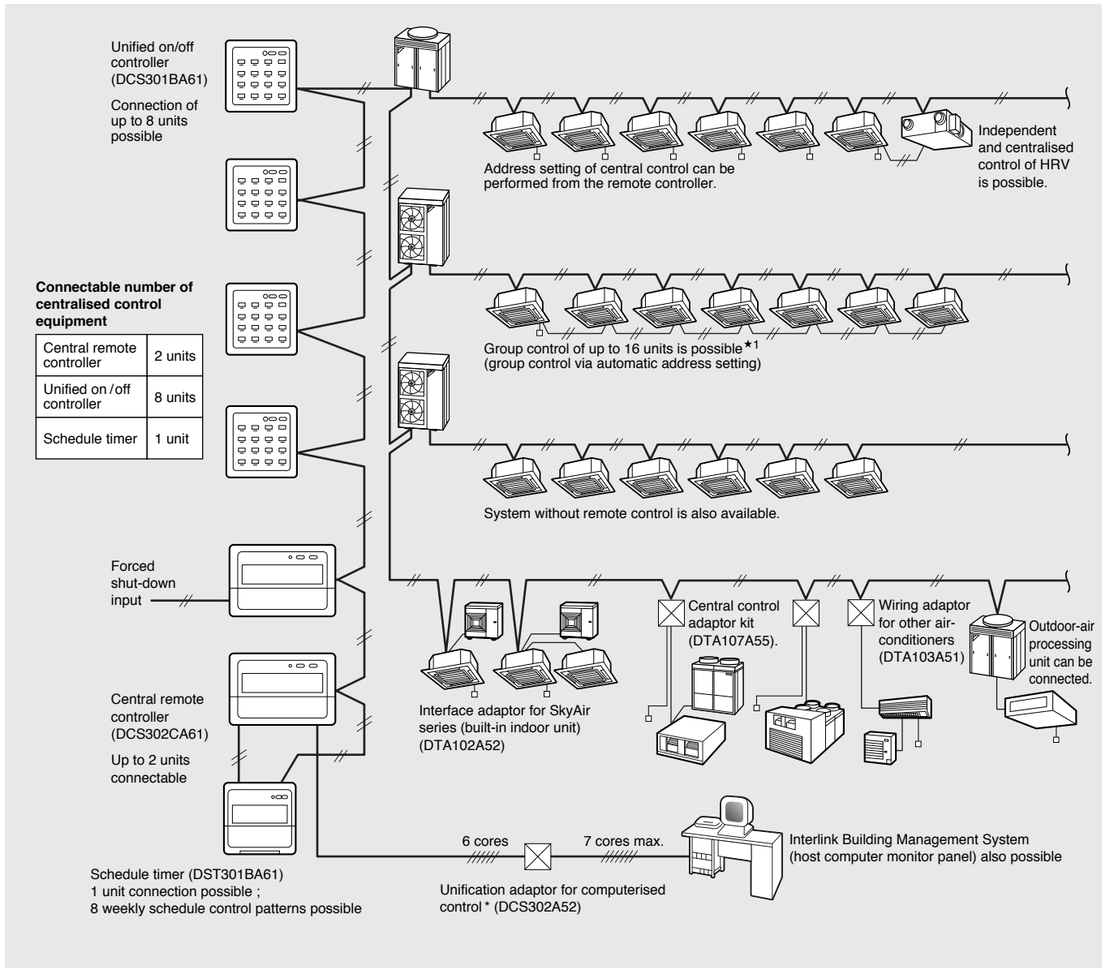
Wide variation of remote controllers for indoor units

	FXCQ	FXFQ	FXZQ	FXKQ	FXDQ	FXSQ	FXDYQ	FXMQ	FXHQ	FXAQ	FXL(N)Q	FXUQ
Wired remote controller (BRC1C62)	●	●	●	●	●	●	●	●	●	●	●	●
Wired remote controller with weekly schedule timer (BRC1D61)	●	●	●	●	●	●	●	●	●	●	●	●
Wireless remote controller* (Installed signal receiver unit)	●	●	●						●	●		●
Wireless remote controller* (Separate type signal receiver unit)				●	●	●	●	●			●	
Simple remote controller (Exposed type) (BRC2C51)					●	●	●	●			●	
Simple remote controller (Concealed type: for Hotel use) (BRC3A61)					●	●	●	●			●	

* Refer to page 37 for the name of each model.

Centralised control systems

- Up to 64 groups of indoor units (128 units) can be centrally controlled.
- Optional controllers for centralised control can be combined and optimised in accordance with building scale and purpose.
- System integration with various air-conditioning peripheral equipment such as HRV (Heat Reclaim Ventilation) is easy.
- Wiring can be run up to a total length of 2 km, and adapts easily to large-scale system expansion.


Unified on/off controller (DCS301BA61)
Connection of up to 8 units possible
Address setting of central control can be performed from the remote controller.
Independent and centralised control of HRV is possible.
Group control of up to 16 units is possible★1 (group control via automatic address setting)
System without remote control is also available.
Forced shut-down input
Central remote controller (DCS302CA61)
Up to 2 units connectable
Interface adaptor for SkyAir series (built-in indoor unit) (DTA102A52)
Central control adaptor kit (DTA107A55).
Wiring adaptor for other air-conditioners (DTA103A51)
Outdoor-air processing unit can be connected.
6 cores
7 cores max.
Interlink Building Management System (host computer monitor panel) also possible
Schedule timer (DST301BA61)
1 unit connection possible ;
8 weekly schedule control patterns possible
Unification adaptor for computerised control * (DCS302A52)

Connectable number of centralised control equipment

Central remote controller	2 units
Unified on / off controller	8 units
Schedule timer	1 unit

★1. Refer to page 7 for the total number of indoor units that can be connected to the outdoor unit.

• Certain indoor units limit the functions of some control systems.
For more details, please refer to the Engineering Data.

Central remote controller
DCS302CA61

Central remote controller (Option)

64 groups (zones) of indoor units can be controlled individually same as LCD Remote controller.

- Max. 64 groups (128 indoor units controllable)
- Max. 128 groups (128 indoor units) are controllable by using 2 central remote controllers, which can control from 2 different places.
- Zone control
- Malfunction code display
- Max. wiring length 1,000 m (Total: 2,000 m)
- Combination with Unified ON/OFF controller, schedule timer and BMS system
- Airflow volume and direction can be controlled individually for indoor units in each group operation.
- Ventilation volume and mode can be controlled for Heat Reclaim Ventilation (HRV).
- Up to 4 Operation/Stop pairs can be set per day by connecting a schedule timer.

Unified ON/OFF controller
DCS301BA61

Unified ON/OFF controller (Option)

16 groups of indoor units can be operated simultaneously/individually.

- Max. 16 groups (128 indoor units) controllable
- 2 remote controllers can be used to control from 2 different places.
- Operating status indication (Normal operation, Alarm)
- Centralised control indication
- Max. wiring length 1,000 m (Total: 2,000 m)
- Compact size casing (Thickness: 16 mm)
- Combination with Central Remote controller, Schedule timer and BMS system

Schedule timer
DST301BA61

Schedule timer (Option)

Max. 128 indoor units can be operated as programmed schedule.

- Max. 128 indoor units controllable
- When used in combination with a central remote controller, a maximum of 8 weekly schedule patterns can be set, while the central controller can be used to select desired zones. Up to 2 Operation/Stop pairs can be set per day.
- Max. 48 hours back up power supply
- Max. wiring length 1,000 m (Total: 2,000 m)
- Compact size casing (Thickness: 16 mm)
- Combination with Central Remote controller, Unified ON/OFF controller and BMS system

Advanced control systems

intelligent touch Controller

New communication functions in the user-friendly icon-based multilingual controller simplify centralised control of the VRV system.

- Colour LCD touch panel icon display
- Small manageable size
- Simplified engineering
- Multi language (English, French, Italian, German, Spanish and Chinese)
- Yearly schedule
- PPD (Power Proportinal Distribution function) (Option)
- Auto heat/cool change-over
- Temperature limitation
- Enhanced history function
- Air Conditioning Network Service System (Optional Maintenance Service)
- Simple Interlock Function

Function 1
Support for centralised control from elsewhere using a PC with a Web browser (Option)

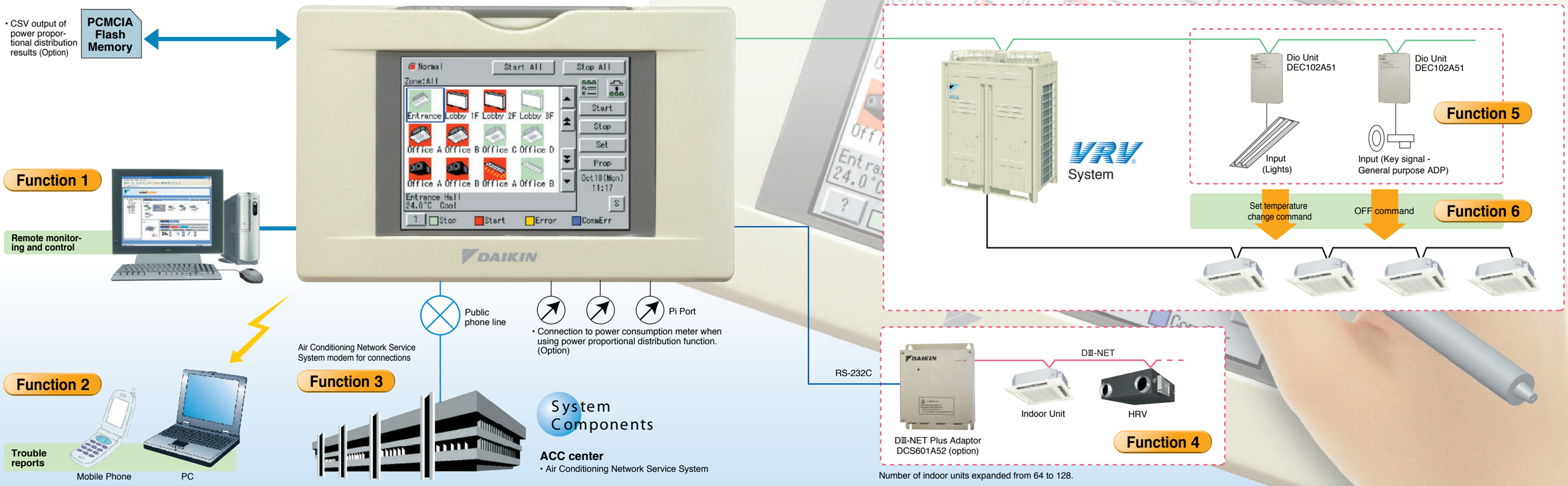
Function 2
Sending of e-mail alerts to a specified address when malfunctions occur (Option)

Function 3
Built-in modem for connecting to Air Conditioning Network Service System (Option)

Function 4
Doubling of number of connectable indoor units by adding a DⅢ-NET Plus Adaptor (Option)

Function 5
Management of facilities/equipment other than A/C units(By adding Dio unit or Di unit)

Function 6
Simple Interlock Function

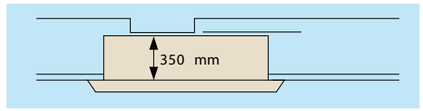


Ceiling Mounted Cassette (Double Flow) Type

FXCQ20M/FXCQ25M/FXCQ32M
FXCQ40M/FXCQ50M/FXCQ63M
FXCQ80M/FXCQ125M

Thin, lightweight, and easy to install in shallow ceiling spaces

- The low profile unit (only 350 mm high) can be installed in a ceiling space as shallow as 355 mm. All models feature a compact design with a depth of only 600 mm.



(When a high-efficiency filter is attached, the unit's height is 400 mm.)

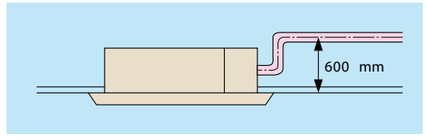
- Low operating sound (dB(A))

FXCQ-M		20	25/32	40/50	63	80	125
Operating Sound (H/L)	220V	32/27	34/28	34/29	37/32	39/34	44/38
	240V	34/29	36/30	37/32	39/34	41/36	46/40

- Designed with higher airflow suitable for high ceiling application up to 3 metres.

- Providing 2 different settings of standard and ceiling soiling prevention, the auto swing mechanism achieves even distribution of airflow and room temperature.

- Drain pump is equipped as standard accessory with 600 mm lift.



- Two types of optional high-efficiency filter are available (65% and 95% NBS).

- A long-life filter (maintenance free up to one year) is equipped as standard accessory.

- Major maintenance work can be performed by removing the panel. A flat-type suction grille and a detachable blade make cleaning easy.

Ceiling Mounted Cassette (Multi Flow) Type

SUPER CASSETTE

FXFQ25M/FXFQ32M/FXFQ40M
FXFQ50M/FXFQ63M/FXFQ80M
FXFQ100M/FXFQ125M

Compact, quiet and easy-to-install Super Cassette type

- Regardless of their difference in capacity, all indoor units feature the same panel size and design, in consideration of harmonised interior decor.

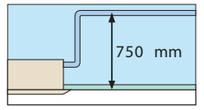
- Because of the light weight construction, suspension is easy.

- Low operating sound (220 V-240 V)(dB(A))

FXFQ-M	25	32	40	50	63	80	100	125
Operating sound (H/L)	30/27	30/27	31/27	32/27	33(34)★/28	36/31	39/33	42(43)★/36

Note: Operating sound may increase more than that when using with 3-way discharge or 2-way discharge, or when using together with a optional kit.
★: The values of H mode Sound level represent those during cooling operation. Those during heating operation are shown in brackets for two models only.

- Drain pump is equipped as standard accessory with 750 mm lift.



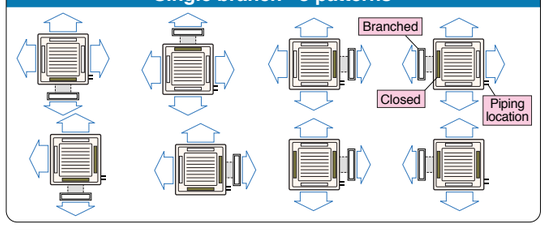
- Installing the fresh air intake is easy using the optional kit which requires no special chambers.

- A long-life filter (maintenance free up to two years) is equipped as a standard accessory.

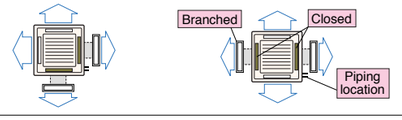
- The FXFQ25M-80M are thin models (246 mm) which can be installed in shallow false ceilings of at least 265 mm depth.

- The following airflow patterns are available, in addition to full four-way airflow.

Single branch–8 patterns



2 branches–2 patterns



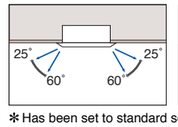
Can also be installed in high ceilings.

		Number of discharge outlets used					
		FXFQ25M-80M			FXFQ100M-125M		
		4-way air discharge	3-way air discharge	2-way air discharge	4-way air discharge	3-way air discharge	2-way air discharge
Ceiling height	Standard	2.7 m	3.0 m	3.5 m	3.2 m	3.6 m	4.2 m
	High ceiling ①	3.0 m	3.3 m	3.8 m	3.6 m	4.0 m	4.2 m
	High ceiling ②	3.5 m	3.5 m	–	4. 2m	4.2 m	–

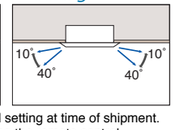
Note: Set standard 4-way discharge when shipped.
High ceiling types ① and ② will be set for remote control operation.

There are 3 patterns in auto swing operation

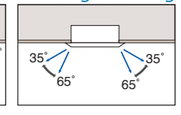
Pattern 1 *Standard setting*



Pattern 2 *Draft Prevention setting*



Pattern 3 *Setting to prevent soiling of ceiling*



✻Has been set to standard setting at time of shipment. This can be changed using the remote control.

Ceiling Mounted Cassette (Compact Multi Flow) Type

FXZQ20M8/FXZQ25M8/FXZQ32M8
FXZQ40M8/FXZQ50M8

Quiet, stylish unit with a horizontal blow capability

●Matches the European style architectural module (600 mm x 600 mm).

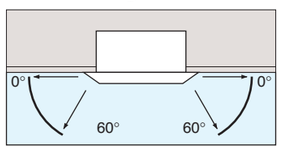
●Low operating sound

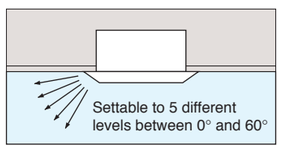
(220 V)(dB(A))

FXZQ-M8	20	25	32	40	50
Operating Sound (H/L)	30/25	30/25	32/26	36/28	41/33

●Less draft than FXFQ cassette discharge angle:
25° to 60° ⇨ 0° to 60°

●Auto swing



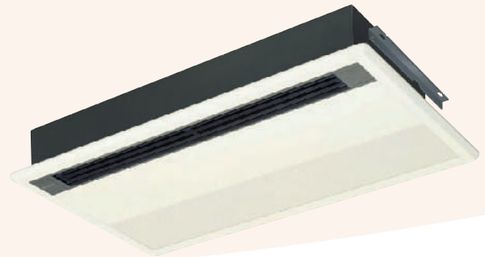


*Angles can be set on site to prevent drafts (0°-35°) or soiling of the ceiling (25°-60°)

●Switch box is inside the unit, which makes maintainance and installation easy.

Ceiling Mounted Cassette Corner Type

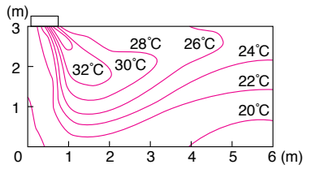
FXKQ25MA/FXKQ32MA
FXKQ40MA/FXKQ63MA



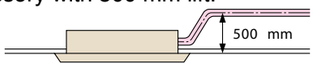
Slim design for flexible installation

●Single-flow type allows effective air discharge from corner or from drop-ceiling.

●Providing 3 different settings of standard, draft prevention and ceiling soiling prevention, the auto swing mechanism achieves even distribution of airflow and room temperature.

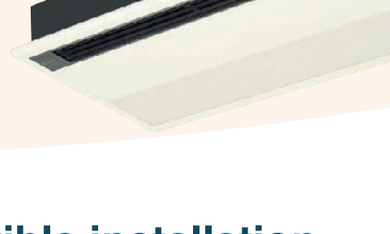


●Drain pump is equipped as standard accessory with 500 mm lift.



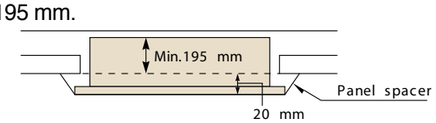
●Front discharge is possible with a air discharge unit (option), which allows the installation in the drop-ceiling or sagging wall.

*Set for front discharge using a suspended ceiling.



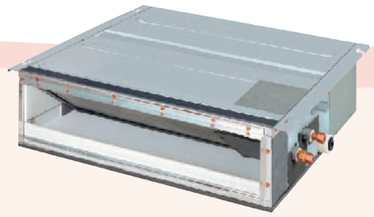
*Downward discharge is shut off and air is blown straight out (front discharge).

●Slim body needs only 220 mm space above the ceiling. If you use a panel spacer (option), the unit can be installed in the minimum space of 195 mm.



●A long-life filter (maintenance free up to one year) is equipped as standard accessory.

Slim Ceiling Mounted Duct Type

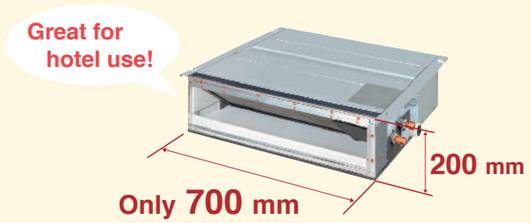


Slim design, quietness and static pressure switching

Suited for use in drop-ceilings!

FXDQ20P/FXDQ25P/FXDQ32P

- Only 700 mm in width and 23 kg in weight, this model is suitable to install in limited spaces like drop-ceilings in hotels.



- Low operating sound

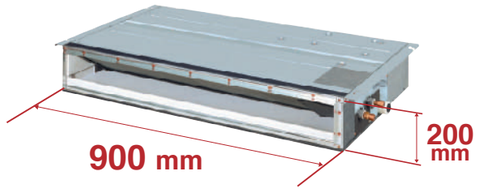
(dB(A))

FXDQ-P(NA)	20	25	32	40	50	63
Operating sound (H/L)	33/29	33/29	33/29	34/30	35/31	36/32

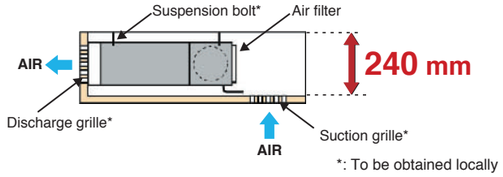
* The values of operation sound level represent those for rear-suction operation. Sound level values for bottom-suction operation can be obtained by adding 5 dB.
* Values are based on the following conditions: FXDQ-P: external static pressure of 10 Pa; FXDQ-NA: external static pressure of 15 Pa.

FXDQ20NA/FXDQ25NA/FXDQ32NA
FXDQ40NA/FXDQ50NA/FXDQ63NA

- Only 200 mm in height, this model can be installed in rooms with as little as 240 mm depth between the drop-ceiling and ceiling slab.



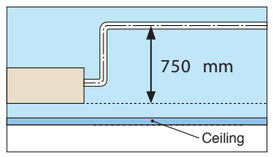
*1,100 mm in width for the FXDQ63NA model.



*: To be obtained locally

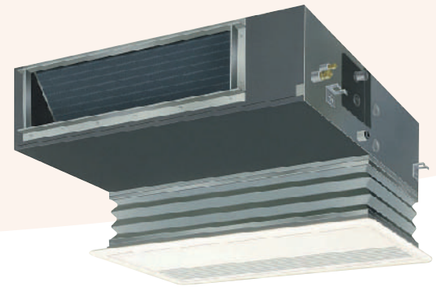
- External static pressure selectable by remote controller switching make this indoor unit a very comfortable and flexible model.
  10 Pa-30 Pa/factory set: 10 Pa for FXDQ-P models.
  15 Pa-44 Pa/factory set: 15 Pa for FXDQ-NA models.

- Drain pump is equipped as standard accessory with 750 mm lift.



Ceiling Mounted Built-in Type

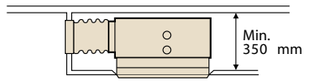
FXSQ20M/FXSQ25M/FXSQ32M
FXSQ40M/FXSQ50M/FXSQ63M
FXSQ80M/FXSQ100M/FXSQ125M



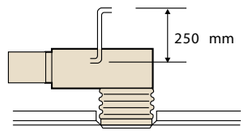
Highly flexible for various application

- Highly flexible installation is possible with a complete lineup of optional kits to satisfy various needs, such as the design concept, interior decoration and so on.

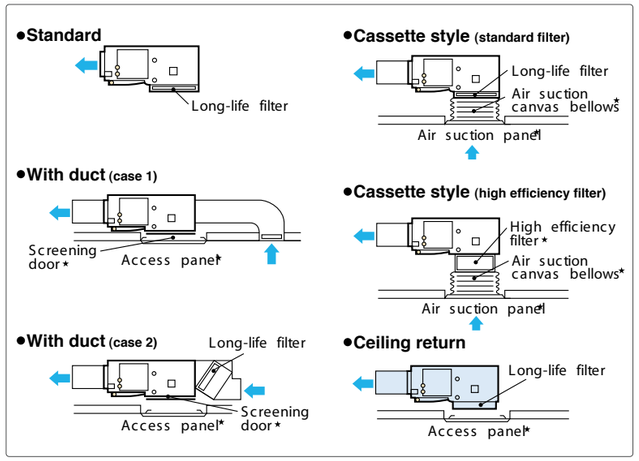
- The unit can be installed, if there is a space of 350 mm above ceiling. (when suction panel is used.)



- Drain pump is equipped as standard accessory with 250 mm lift.



Installation examples (* Optional parts)



- High external static pressure allows the use of flexible ducts of various length.

- Low operating sound

(dB(A))

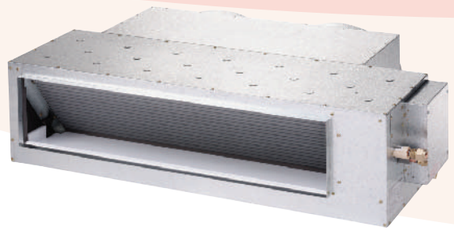
FXSQ-M		20	25	32	40	50	63	80	100	125
Operating Sound (H/L)	220V	37/32	37/32	38/32	38/32	41/36	42/35	43/37	43/37	46/41
	240V	39/34	39/34	40/34	40/34	43/38	44/37	45/39	45/39	48/43

- Two types of optional high-efficiency filter are available (65% and 95% NBS).

- A long-life filter (maintenance free up to one year) is equipped as standard accessory.

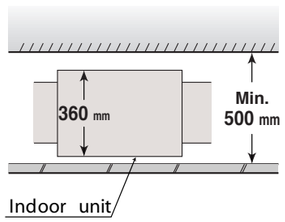
Ceiling Concealed (Duct) Type

FXDYQ80M/FXDYQ100M
FXDYQ125M/FXDYQ145M

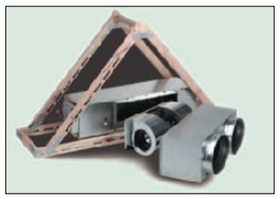


High static pressure offers flexible duct design that blends in with interior décor in stores and offices

- High efficiency Hi-X heat exchanger coils that provide energy savings.
- High external static pressure allows comprehensive duct layout for various applications.
- Only 360 mm in height, this model can be installed in rooms with as little as 500 mm depth between the drop-ceiling and ceiling slab.



- Design of indoor units allows installation in limited roof spaces.
- Can be dismantled for easy installation into confined roof spaces.



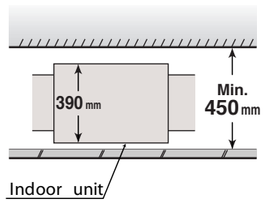
- Return air spigots included for ease of installation.
- Two external static pressure settings for added flexibility.
- Quiet yet powerful supply air fan.
- High strength galvanised steel casing.

Ceiling Mounted Duct Type

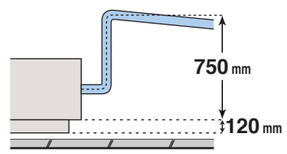
FXMQ40MA/FXMQ50MA
FXMQ63MA/FXMQ80MA
FXMQ100MA/FXMQ125MA

High static pressure allows flexible duct design

- Capable of more than 150 Pa of external static pressure (high ESP setting)
- High external static pressure allows extensive duct work for various applications.
- Optional accessories include a drain pump kit, high-efficiency filters (65% and 95% NBS) and a long-life filter (maintenance free up to 1 year).
- Without drain

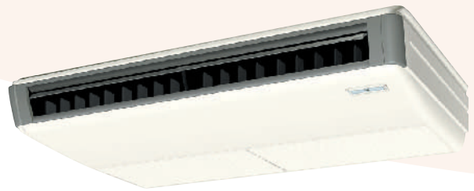


- Drain pump is equipped as optional accessory with 750 mm lift.



Ceiling Suspended Type

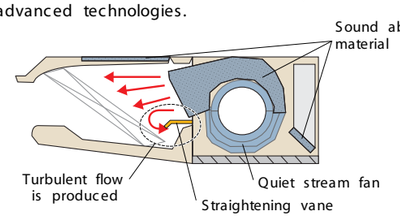
FXHQ32MA/FXHQ63MA
FXHQ100MA



Slim body with quiet and wide airflow

●Adoption of newly designed QUIET STREAM FAN

Uses the quiet stream fan and many advanced technologies.

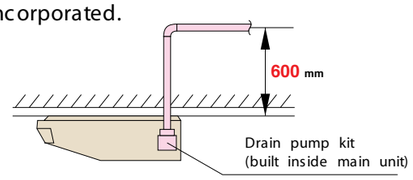


●Low operating sound (220 V-240 V)(dB(A))

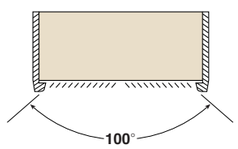
FXHQ-MA	32	63	100
Operating sound (H/L)	36/31	39/34	45/37

●Installation is easy

●Drain pump kit (option) can be easily incorporated.



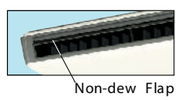
●Wide air discharge openings produce a spreading 100° airflow.



●Maintenance is easy

●Non-dew Flap with no implanted bristles

Bristle-free Flap minimises contamination and makes cleaning simpler.



●Easy-to-clean flat design

●Maintenance is easier because servicing can be performed from below the unit.

●A long-life filter (maintenance free up to one year) is equipped as standard

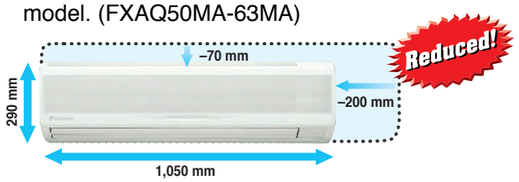
Wall Mounted Type

FXAQ20MA/FXAQ25MA
FXAQ32MA/FXAQ40MA
FXAQ50MA/FXAQ63MA

Sophisticated design and compact casing harmonised with your interior décor

●Compact and stylish design that does not detract from the décor of the room.

●More compact when compared with previous model. (FXAQ50MA-63MA)



●Drastic 10 kg weight reduction from 24 kg to 14 kg.

●Volume reduced by 22%.

●Space savings of up to 47%.

●Low operating sound (220 V-240 V)(dB(A))

FXAQ-MA	20	25	32	40	50	63
Operating sound (H/L)	35/29	36/29	37/29	39/34	42/36	46/39

●Drain pan and air filter can be kept clean by mildew-proof polystyrene.

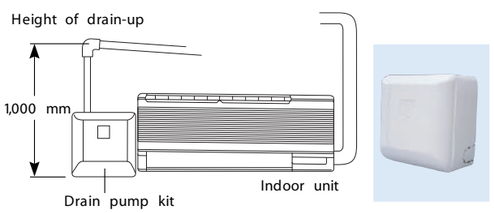
●Washable grille, the front grille can be easily removed for washing.

●Auto-swing maintains efficiency of air distribution. The louvre closes automatically when the unit stops.

●5 steps of discharge angle can be set by remote controller.

●Discharge angle is automatically set at the same angle as the previous operation when restarting. (Initial setting; 10˚ for cooling and 70˚ for heating)

●Drain pump kit is available as optional accessory, which lifts the drain 1,000 mm from the bottom of the unit.



●Flexible installation.

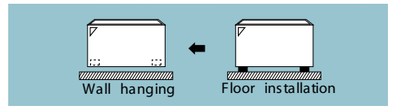
●Drain pipe can be fitted to from either left or right sides.

Floor Standing Type

FXLQ20MA/FXLQ25MA
FXLQ32MA/FXLQ40MA
FXLQ50MA/FXLQ63MA

Suitable for perimeter zone air conditioning

- Floor Standing types can be hung on the wall for easier floor cleaning. Running the piping from the back allows the unit to be hung on walls. Cleaning under the unit, where dust tends to accumulate, is considerably easier.
- The adoption of a fibre-less discharge grille featuring an original design to prevent condensation also helps prevent staining and makes cleaning easier.
- A long-life filter (maintenance free up to one year) is equipped as standard accessory.

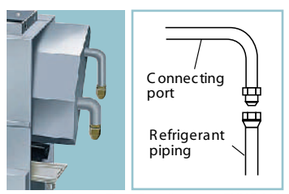


Concealed Floor Standing Type

FXNQ20MA/FXNQ25MA
FXNQ32MA/FXNQ40MA
FXNQ50MA/FXNQ63MA

Designed to be concealed in the perimeter skirting-wall

- The unit is concealed in skirting-wall of perimeter, that enables to create high class interior design.
- The connecting port faces downward, greatly facilitating on-site piping work.
- A long-life filter (maintenance free up to one year) is equipped as standard accessory.



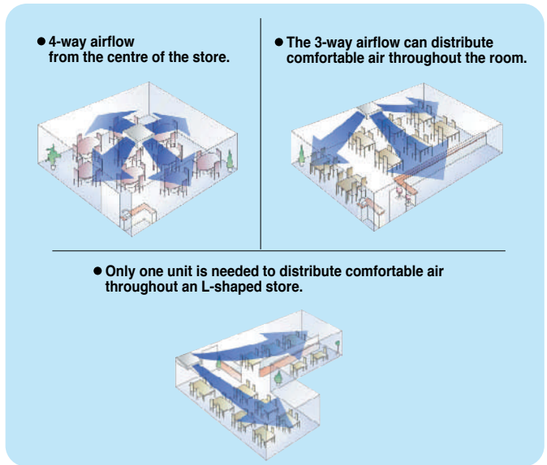
✻ Applies also to Floor Standing type (FXNQ-MA).

Ceiling Suspended Cassette Type

FXUQ71MAV1
FXUQ100MAV1
FXUQ125MAV1

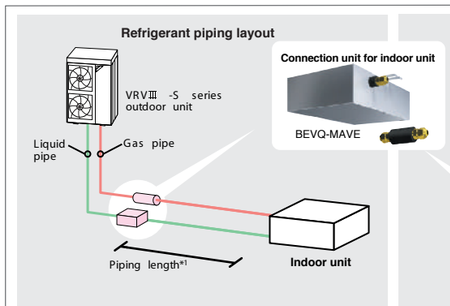
This thin indoor unit achieves optimum air distribution, and can be installed without the need for ceiling cavity

- Depending on installation site requirements or room conditions, 2-way, 3-way and 4-way discharge patterns are available.


● 4-way airflow from the centre of the store.
● The 3-way airflow can distribute comfortable air throughout the room.
● Only one unit is needed to distribute comfortable air throughout an L-shaped store.

Connection unit Connection unit is the device for connecting above indoor units to VRV III-S.

BEVQ71MAVE/BEVQ100MAVE/BEVQ125MAVE



*1

Model	Maximum piping length between the BEV unit and the indoor units.
FXUQ-MAV1	5 m

Notes:
- When connecting centralised-control device, it is necessary to install an interface adaptor for an indoor unit (DTA102A52).
- Connection unit BEVQ-MA is necessary for each indoor unit.
- The refrigerant piping height difference between the indoor units and the BEV unit must be within 4 m.
- The BEV unit must be installed within a maximum height difference between indoor units of 15 m.
- Branching of the refrigerant piping is not possible downstream of the BEV unit.

● INDOOR UNITS ●

Ceiling Mounted Cassette (Double Flow) Type

MODEL			FXCQ20MVE	FXCQ25MVE	FXCQ32MVE	FXCQ40MVE	FXCQ50MVE	FXCQ63MVE	FXCQ80MVE	FXCQ125MVE
Power supply			1 phase, 220-240V/220V, 50/60Hz							
Cooling capacity	kcal/h (*1)		2,000	2,500	3,200	4,000	5,000	6,300	8,000	12,500
	Btu/h (*1)		7,800	9,900	12,600	16,000	19,800	24,900	31,700	49,500
	kW	(*1)	2.3	2.9	3.7	4.7	5.8	7.3	9.3	14.5
		(*2)	2.2	2.8	3.6	4.5	5.6	7.1	9.0	14.0
Heating capacity	kcal/h		2,200	2,800	3,400	4,300	5,400	6,900	8,600	13,800
	Btu/h		8,500	10,900	13,600	17,100	21,500	27,300	34,100	54,600
	kW		2.5	3.2	4.0	5.0	6.3	8.0	10.0	16.0
Casing			Galvanised steel plate							
Airflow rate (H/L)	ℓ/s		116/83	150/108	150/108	200/150	200/150	275/216	433/350	550/416
	cfm		247/177	318/230	318/230	424/318	424/318	582/459	918/741	1,165/883
Sound level (H/L)	dB (A)	50 Hz/60 Hz 220V	32/27	34/28	34/28	34/29	34/29	37/32	39/34	44/38
		50 Hz 240V	34/29	36/30	36/30	37/32	37/32	39/34	41/36	46/40
Dimensions (H×W×D)	mm		305×775×600	305×775×600	305×775×600	305×990×600	305×990×600	305×1,175×600	305×1,665×600	305×1,665×600
Machine weight	kg		26.0	26.0	26.0	31.0	32.0	35.0	47.0	48.0
Piping connections	Liquid (Flare)	mm	ϕ6.4	ϕ6.4	ϕ6.4	ϕ6.4	ϕ6.4	ϕ9.5	ϕ9.5	ϕ9.5
	Gas (Flare)	mm	ϕ12.7	ϕ12.7	ϕ12.7	ϕ12.7	ϕ12.7	ϕ15.9	ϕ15.9	ϕ15.9
	Drain piping		VP25 (External Dia, 32/Internal Dia, 25)							
Panel (Option)	Model		BYBC32G-W1			BYBC50G-W1		BYBC63G-W1	BYBC125G-W1	
	Colour		White (10Y9/0.5)							
Dimensions (H×W×D)	mm		53×1,030×680	53×1,030×680	53×1,030×680	53×1,245×680	53×1,245×680	53×1,430×680	53×1,920×680	53×1,920×680
	weight	kg	8.0	8.0	8.0	8.5	8.5	9.5	12.0	12.0

Ceiling Mounted Cassette (Multi Flow) Type

MODEL			FXFQ25MVE	FXFQ32MVE	FXFQ40MVE	FXFQ50MVE	FXFQ63MVE	FXFQ80MVE	FXFQ100MVE	FXFQ125MVE
Power supply			1 phase, 220-240V/220V, 50/60Hz							
Cooling capacity	kcal/h (*1)		2,500	3,200	4,000	5,000	6,300	8,000	10,000	12,500
	Btu/h (*1)		9,900	12,600	16,000	19,800	24,900	31,700	39,600	49,500
	kW	(*1)	2.9	3.7	4.7	5.8	7.3	9.3	11.6	14.5
		(*2)	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0
Heating capacity	kcal/h		2,800	3,400	4,300	5,400	6,900	8,600	10,800	13,800
	Btu/h		10,900	13,600	17,100	21,500	27,300	34,100	42,700	54,600
	kW		3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0
Casing			Galvanised steel plate							
Airflow rate (H/L)	ℓ/s		216/166	216/166	250/183	266/183	308/233	333/250	433/350	500/400
	cfm		459/353	459/353	530/388	565/388	653/494	706/530	918/741	1,059/847
Sound level (H/L)	dB(A)		30/27	30/27	31/27	32/27	33(34)★/28	36/31	39/33	42(43)★/36
Dimensions (H×W×D)	mm		246×840×840	246×840×840	246×840×840	246×840×840	246×840×840	246×840×840	288×840×840	288×840×840
Machine weight	kg		24.0	24.0	24.0	24.0	25.0	25.0	29.0	29.0
Piping connections	Liquid (Flare)	mm	ϕ6.4	ϕ6.4	ϕ6.4	ϕ6.4	ϕ9.5	ϕ9.5	ϕ9.5	ϕ9.5
	Gas (Flare)	mm	ϕ12.7	ϕ12.7	ϕ12.7	ϕ12.7	ϕ15.9	ϕ15.9	ϕ15.9	ϕ15.9
	Drain piping		VP25 (External Dia, 32/Internal Dia, 25)							
Panel (Option)	Model		BYCP125D-W1							
	Colour		White (10Y9/0.5)							
Dimensions (H×W×D)	mm		45×950×950	45×950×950	45×950×950	45×950×950	45×950×950	45×950×950	45×950×950	45×950×950
	weight	kg	5.5	5.5	5.5	5.5	5.5	5.5	5.5	5.5

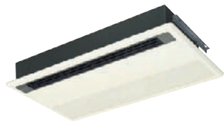
Note : Specifications are based on the following conditions;
- Cooling : (*1) Indoor temp. of 27°CDB, 19.5°CWB, and outdoor temp. of 35.0°CDB. (*2) Indoor temp. of 27°CDB, 19.0°CWB, and outdoor temp. of 35.0°CDB.
- Heating : Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.
- Equivalent piping length : 7.5 m
- Level difference : 0 m
- Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See ENGINEERING DATA for details.)
- Sound level : Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre.
  During actual operation, these values are normally somewhat higher as a result of ambient conditions.
  ★ : The values of H mode Sound level represent those during cooling operation.Those during heating operation are shown in brackets for two models only.

● INDOOR UNITS ●

Ceiling Mounted Cassette (Compact Multi Flow) Type

MODEL			FXZQ20M8V1B	FXZQ25M8V1B	FXZQ32M8V1B	FXZQ40M8V1B	FXZQ50M8V1B
Power supply			1 phase, 220-240V, 50Hz				
Cooling capacity	kcal/h (*1)		2,000	2,500	3,150	4,000	5,000
	Btu/h (*1)		7,800	9,900	12,600	16,000	19,800
	kW	(*1)	2.3	2.9	3.7	4.7	5.8
		(*2)	2.2	2.8	3.6	4.5	5.6
Heating capacity	kcal/h		2,200	2,800	3,400	4,300	5,400
	Btu/h		8,500	10,900	13,600	17,100	21,500
	kW		2.5	3.2	4.0	5.0	6.3
Casing			Galvanised steel plate				
Airflow rate (H/L)	ℓ/s	50Hz	150/116	150/116	158/125	183/133	233/166
	cfm	50Hz	318/247	318/247	335/265	388/282	494/353
Sound level (H/L)	dB(A)	220V	30/25	30/25	32/26	36/28	41/33
Sound power level	dB(A)	220V	47	47	49	53	58
Dimensions (H×W×D)	mm		286×575×575				
Machine weight	kg		18				
Piping connections	Liquid (Flare)	mm	ϕ6.4	ϕ6.4	ϕ6.4	ϕ6.4	ϕ6.4
	Gas (Flare)	mm	ϕ12.7	ϕ12.7	ϕ12.7	ϕ12.7	ϕ12.7
	Drain piping		VP20 (External Dia, 26/Internal Dia, 20)				
Panel (Option)	Model		BYFQ60B7W1				
	Colour		White (6.5Y9.5/0.5)				
Dimensions (H×W×D)	mm		55×700×700	55×700×700	55×700×700	55×700×700	55×700×700
	weight	kg	2.7	2.7	2.7	2.7	2.7

Ceiling Mounted Cassette Corner Type



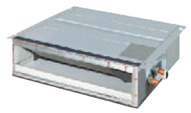
MODEL			FXKQ25MAVE	FXKQ32MAVE	FXKQ40MAVE	FXKQ63MAVE
Power supply			1 phase, 220-240V/220V, 50/60Hz			
Cooling capacity	kcal/h (*1)		2,500	3,200	4,000	6,300
	Btu/h (*1)		9,900	12,600	16,000	24,900
	kW	(*1)	2.9	3.7	4.7	7.3
		(*2)	2.8	3.6	4.5	7.1
Heating capacity	kcal/h		2,800	3,400	4,300	6,900
	Btu/h		10,900	13,600	17,100	27,300
	kW		3.2	4.0	5.0	8.0
Casing			Galvanised steel plate			
Airflow rate (H/L)	ℓ/s	50 Hz	183/150	183/150	216/166	300/250
	cfm	50 Hz	388/318	388/318	459/353	635/530
Sound level (H/L)	dB(A)	50 Hz/60 Hz 220V	38/33	38/33	40/34	42/37
		50 Hz 240V	40/35	40/35	42/36	44/39
Dimensions (H×W×D)	mm		215×1,110×710	215×1,110×710	215×1,110×710	215×1,310×710
Machine weight	kg		31.0	31.0	31.0	34.0
Piping connections	Liquid (Flare)	mm	ϕ6.4	ϕ6.4	ϕ6.4	ϕ9.5
	Gas (Flare)	mm	ϕ12.7	ϕ12.7	ϕ12.7	ϕ15.9
	Drain piping		VP25 (External Dia, 32/Internal Dia, 25)			
Panel (Option)	Model		BYK45FJW1			BYK71FJW1
	Colour		White (10Y9/0.5)			
Dimensions (H×W×D)	mm		70×1,240×800	70×1,240×800	70×1,240×800	70×1,440×800
	weight	kg	8.5	8.5	8.5	9.5

Note : Specifications are based on the following conditions;
- Cooling : (*1) Indoor temp. of 27°CDB, 19.5°CWB, and outdoor temp. of 35.0°CDB. (*2) Indoor temp. of 27°CDB, 19.0°CWB, and outdoor temp. of 35.0°CDB.
- Heating : Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.
- Equivalent piping length : 7.5 m
- Level difference : 0 m
- Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See ENGINEERING DATA for details.)
- Sound level **(FXZQ-M)** Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre.
  (FXKQ-MA) Anechoic chamber conversion value, measured at a point 1 m in front of the unit and 1 m downward.
  During actual operation, these values are normally somewhat higher as a result of ambient conditions.

SPECIFICATIONS

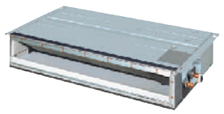
INDOOR UNITS

Slim Ceiling Mounted Duct Type (700 mm width type)



MODEL			FXDQ20PVE	FXDQ25PVE	FXDQ32PVE
Power supply			1 phase, 220-240 V/220 V, 50/60 Hz		
Cooling capacity	kcal/h (*1)		2,000	2,500	3,200
	Btu/h (*1)		7,800	9,900	12,600
	kW	(*1)	2.3	2.9	3.7
		(*2)	2.2	2.8	3.6
Heating capacity	kcal/h		2,200	2,800	3,400
	Btu/h		8,500	10,900	13,600
	kW		2.5	3.2	4.0
Casing			Galvanised steel plate		
Airflow rate (H/L)	ℓ/s		133/106	133/106	133/106
	cfm		282/226	282/226	282/226
External static pressure	Pa		30-10★1		
Sound level (H/L) ★2★3	dB(A)		33/29	33/29	33/29
Dimensions (HxWxD)	mm		200X700X620	200X700X620	200X700X620
Machine weight	kg		23.0	23.0	23.0
Piping connections	Liquid (Flare)	mm	ϕ6.4	ϕ6.4	ϕ6.4
	Gas (Flare)	mm	ϕ12.7	ϕ12.7	ϕ12.7
	Drain piping		VP20 (External Dia, 26/Internal Dia, 20)		

Slim Ceiling Mounted Duct Type (900/1,100 mm width type)



MODEL			FXDQ20NAVE	FXDQ25NAVE	FXDQ32NAVE	FXDQ40NAVE	FXDQ50NAVE	FXDQ63NAVE
Power supply			1 phase, 220-240 V/220 V, 50/60 Hz					
Cooling capacity	kcal/h (*1)		2,000	2,500	3,200	4,000	5,000	6,300
	Btu/h (*1)		7,800	9,900	12,600	16,000	19,800	24,900
	kW	(*1)	2.3	2.9	3.7	4.7	5.8	7.3
		(*2)	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	kcal/h		2,200	2,800	3,400	4,300	5,400	6,900
	Btu/h		8,500	10,900	13,600	17,100	21,500	27,300
	kW		2.5	3.2	4.0	5.0	6.3	8.0
Casing			Galvanised steel plate					
Airflow rate (H/L)	ℓ/s		158/125	158/125	175/141	175/141	208/166	275/216
	cfm		335/265	335/265	371/300	371/300	441/353	583/459
External static pressure	Pa		44-15★1					
Sound level (H/L) ★2★3	dB(A)		33/29	33/29	33/29	34/30	35/31	36/32
Dimensions (HxWxD)	mm		200x900x620	200x900x620	200x900x620	200x900x620	200x900x620	200x1,100x620
Machine weight	kg		26.0	26.0	26.0	27.0	28.0	31.0
Piping connections	Liquid (Flare)	mm	ϕ6.4	ϕ6.4	ϕ6.4	ϕ6.4	ϕ6.4	ϕ9.5
	Gas (Flare)	mm	ϕ12.7	ϕ12.7	ϕ12.7	ϕ12.7	ϕ12.7	ϕ15.9
	Drain piping		VP20 (External Dia, 26/Internal Dia, 20)					

Note : Specifications are based on the following conditions;
- Cooling : (*1) Indoor temp. of 27°CDB, 19.5°CWB, and outdoor temp. of 35.0°CDB. (*2) Indoor temp. of 27°CDB, 19.0°CWB, and outdoor temp. of 35.0°CDB.
- Heating : Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.

★1 : External static pressure is changeable to set by the remote controller. This pressure means "High static pressure - Standard". (Factory setting is 10 Pa for FXDQ-P models and 15 Pa for FXDQ-NA models.)

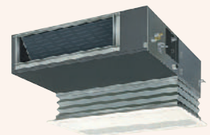
★2 : The values of operation sound level represent those for rear-suction operation. Sound level values for bottom-suction operation can be obtained by adding 5 dB.

★3 : Values are based on the following conditions: FXDQ-P: external static pressure of 10 Pa; FXDQ-NA: external static pressure of 15 Pa.

- Equivalent piping length : 7.5 m
- Level difference : 0 m
- Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See ENGINEERING DATA for details.)
- Sound level **(FXDQ-P)** Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre.
  (FXDQ-NA) Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre.
  During actual operation, these values are normally somewhat higher as a result of ambient conditions.

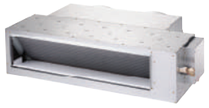
INDOOR UNITS

Ceiling Mounted Built-in Type



MODEL			FXSQ20MVE	FXSQ25MVE	FXSQ32MVE	FXSQ40MVE	FXSQ50MVE	FXSQ63MVE	FXSQ80MVE	FXSQ100MVE	FXSQ125MVE
Power supply			1 phase, 220-240V/220V, 50/60Hz								
Cooling capacity	kcal/h (*1)		2,000	2,500	3,200	4,000	5,000	6,300	8,000	10,000	12,500
	Btu/h (*1)		7,800	9,900	12,600	16,000	19,800	24,900	31,700	39,600	49,500
	kW	(*1)	2.3	2.9	3.7	4.7	5.8	7.3	9.3	11.6	14.5
		(*2)	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0
Heating capacity	kcal/h		2,200	2,800	3,400	4,300	5,400	6,900	8,600	10,800	13,800
	Btu/h		8,500	10,900	13,600	17,100	21,500	27,300	34,100	42,700	54,600
	kW		2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0
Casing			Galvanised steel plate								
Airflow rate (H/L)	ℓ/s	50 Hz	150/108	150/108	158/116	191/150	250/183	350/258	450/358	466/366	633/466
	cfm	50 Hz	318/230	318/230	335/247	406/318	530/388	741/547	953/759	988/777	1,341/988
External static pressure	Pa	50 Hz	88-39-20★1	88-39-20★1	64-39-15★1	88-49-20★1	88-59-29★1	88-49-20★1	113-82★2	107-75★2	78-39★2
Sound level (H/L)	dB (A)	50 Hz 220V	37/32	37/32	38/32	38/32	41/36	42/35	43/37	43/37	46/41
		50 Hz 240V	39/34	39/34	40/34	40/34	43/38	44/37	45/39	45/39	48/43
Dimensions (HxWxD)	mm		300x550x800	300x550x800	300x550x800	300x700x800	300x700x800	300x1,000x800	300x1,400x800	300x1,400x800	300x1,400x800
Machine weight	kg		30.0	30.0	30.0	30.0	31.0	41.0	51.0	51.0	52.0
Piping connections	Liquid (Flare)	mm	ϕ6.4	ϕ6.4	ϕ6.4	ϕ6.4	ϕ6.4	ϕ9.5	ϕ9.5	ϕ9.5	ϕ9.5
	Gas (Flare)	mm	ϕ12.7	ϕ12.7	ϕ12.7	ϕ12.7	ϕ12.7	ϕ15.9	ϕ15.9	ϕ15.9	ϕ15.9
	Drain piping		VP25 (External Dia, 32/Internal Dia, 25)								
Panel (Option)	Model		BYBS32DJW1	BYBS32DJW1	BYBS32DJW1	BYBS45DJW1	BYBS45DJW1	BYBS71DJW1	BYBS125DJW1	BYBS125DJW1	BYBS125DJW1
	Colour		White (10Y9/0.5)								
Dimensions (HxWxD)	mm		55x650x500	55x650x500	55x650x500	55x800x500	55x800x500	55x1,100x500	55x1,500x500	55x1,500x500	55x1,500x500
	weight	kg	3.0	3.0	3.0	3.5	3.5	4.5	6.5	6.5	6.5

Ceiling Concealed (Duct) Type



MODEL			FXDYQ80MV1	FXDYQ100MV1	FXDYQ125MV1	FXDYQ145MV1
Power supply			1 phase, 220-240V, 50Hz			
Cooling capacity	kcal/h (*1)		8,000	10,000	12,500	13,900
	Btu/h (*1)		31,700	39,600	49,500	55,300
	kW	(*1)	9.3	11.6	14.5	16.2
		(*2)	9.0	11.2	14.0	15.7
Heating capacity	kcal/h		8,600	10,800	13,800	15,700
	Btu/h		34,100	42,700	54,600	62,400
	kW		10.0	12.5	16.0	18.3
Casing			Galvanised steel plate			
Airflow rate (H)	ℓ/s		590	815	925	1,070
	cfm		1,250	1,726	1,959	2,266
External static pressure	Pa (Hi)		130★3	130★3	100★3	130★3
Sound level (H)	dB(A)	240V	45	46	48	51
Dimensions (HxWxD)	mm		360x1,168x869	360x1,478x899	360x1,478x899	360x1,478x899
Machine weight	kg		52	61	65	66
Piping connections	Liquid (Flare)	mm	ϕ9.5	ϕ9.5	ϕ9.5	ϕ9.5
	Gas (Flare)	mm	ϕ15.9	ϕ15.9	ϕ15.9	ϕ15.9
	Drain piping		VP25 (External Dia, 32/Internal Dia, 25)			

Note : Specifications are based on the following conditions;
- Cooling : (*1) Indoor temp. of 27°CDB, 19.5°CWB, and outdoor temp. of 35.0°CDB.
  (*2) Indoor temp. of 27°CDB, 19.0°CWB, and outdoor temp. of 35.0°CDB.
- Heating : Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.

★1 : External static pressure is changeable to change over the connectors inside electrical box, this pressure means "High static pressure-Standard-Low static pressure".

★2 : External static pressure is changeable to change over the connectors inside electrical box, this pressure means "High static pressure-Standard".

★3 : Standard or high external static pressure setting is selectable by change over connector inside the electrical box. The data above is for high static setting.

- Equivalent piping length : 7.5 m
- Level difference : 0 m
- Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See ENGINEERING DATA for details.)
- For FXDYQ models, an air filter is not a standard accessory. A suitable field supplied filter must be installed in the return air duct.
- Sound level : **(FXSQ-M)** Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre.
  (FXDYQ-M) Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre.
  During actual operation, these values are normally somewhat higher as a result of ambient conditions.

SPECIFICATIONS

● INDOOR UNITS ●

Ceiling Mounted Duct Type

MODEL			FXMQ40MAVE	FXMQ50MAVE	FXMQ63MAVE	FXMQ80MAVE	FXMQ100MAVE	FXMQ125MAVE
Power supply			1 phase, 220-240 V/220V, 50/60 Hz					
Cooling capacity	kcal/h (*1)		4,000	5,000	6,300	8,000	10,000	12,500
	Btu/h (*1)		16,000	19,800	24,900	31,700	39,600	49,500
	kW	(*1)	4.7	5.8	7.3	9.3	11.6	14.5
		(*2)	4.5	5.6	7.1	9.0	11.2	14.0
Heating capacity	kcal/h		4,300	5,400	6,900	8,600	10,800	13,800
	Btu/h		17,100	21,500	27,300	34,100	42,700	54,600
	kW		5.0	6.3	8.0	10.0	12.5	16.0
Casing			Galvanised steel plate					
Airflow rate (H/L)	ℓ/s		233/191	233/191	233/191	325/266	483/383	600/483
	cfm		494/406	494/406	494/406	688/565	1,024/812	1,271/1,024
External static pressure	Pa (50Hz)		157-118*1	157-118*1	157-118*1	157-108*1	157-98*1	191-152*1
Sound level (H/L)	dB (A)	50 Hz/60 Hz 220V	39/35	39/35	39/35	42/38	43/39	45/42
		50 Hz 240V	41/37	41/37	41/37	44/40	45/41	47/44
Dimensions (HxWxD)	mm		390x720x690	390x720x690	390x720x690	390x720x690	390x1,110x690	390x1,110x690
Machine weight	kg		44.0	44.0	44.0	45.0	63.0	65.0
Piping connections	Liquid (Flare)	mm	ϕ6.4	ϕ6.4	ϕ9.5	ϕ9.5	ϕ9.5	ϕ9.5
	Gas (Flare)	mm	ϕ12.7	ϕ12.7	ϕ15.9	ϕ15.9	ϕ15.9	ϕ15.9
	Drain piping		VP25 (External Dia, 32/Internal Dia, 25)					

Ceiling Suspended Type

MODEL			FXHQ32MAVE	FXHQ63MAVE	FXHQ100MAVE
Power supply			1 phase, 220-240 V/220 V, 50/60 Hz		
Cooling capacity	kcal/h (*1)		3,200	6,300	10,000
	Btu/h (*1)		12,600	24,900	39,600
	kW	(*1)	3.7	7.3	11.6
		(*2)	3.6	7.1	11.2
Heating capacity	kcal/h		3,400	6,900	10,800
	Btu/h		13,600	27,300	42,700
	kW		4.0	8.0	12.5
Casing			White (10Y9/0.5)		
Airflow rate (H/L)	ℓ/s		200/166	291/233	416/325
	cfm		424/353	618/494	883/688
Sound level (H/L)	dB(A)		36/31	39/34	45/37
Dimensions (HxWxD)	mm		195x960x680	195x1,160x680	195x1,400x680
Machine weight	kg		24.0	28.0	33.0
Piping connections	Liquid (Flare)	mm	ϕ6.4	ϕ9.5	ϕ9.5
	Gas (Flare)	mm	ϕ12.7	ϕ15.9	ϕ15.9
	Drain piping		VP20 (External Dia, 26/Internal Dia, 20)		

Note : Specifications are based on the following conditions;
- Cooling : (*1) Indoor temp. of 27°CDB, 19.5°CWB, and outdoor temp. of 35.0°CDB.
  (*2) Indoor temp. of 27°CDB, 19.0°CWB, and outdoor temp. of 35.0°CDB.
- Heating : Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.
- ★1 : External static pressure is changeable to change over the connectors inside electrical box, this pressure means "High static pressure-Standard".
- Equivalent piping length : 7.5 m
- Level difference : 0 m
- Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See ENGINEERING DATA for details.)
- Sound level : **(FXMQ-MA)** Anechoic chamber conversion value, measured at a point 1.5 m downward from the unit centre.
  (FXHQ-M) Anechoic chamber conversion value, measured at a point 1 m in front of the unit and 1 m downward.
  During actual operation, these values are normally somewhat higher as a result of ambient conditions.

● INDOOR UNITS ●

Wall Mounted Type

MODEL			FXAQ20MAVE	FXAQ25MAVE	FXAQ32MAVE	FXAQ40MAVE	FXAQ50MAVE	FXAQ63MAVE
Power supply			1 phase, 220-240 V/220 V, 50/60 Hz					
Cooling capacity	kcal/h (*1)		2,000	2,500	3,200	4,000	5,000	6,300
	Btu/h (*1)		7,800	9,900	12,600	16,000	19,800	24,900
	kW	(*1)	2.3	2.9	3.7	4.7	5.8	7.3
		(*2)	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	kcal/h		2,200	2,800	3,400	4,300	5,400	6,900
	Btu/h		8,500	10,900	13,600	17,100	21,500	27,300
	kW		2.5	3.2	4.0	5.0	6.3	8.0
Casing			White (3.0Y8.5/0.5)					
Airflow rate (H/L)	ℓ/s		125/75	133/83	150/91	200/150	250/200	316/233
	cfm		265/159	282/177	318/194	424/318	530/424	671/494
Sound level (H/L)	dB(A)		35/29	36/29	37/29	39/34	42/36	46/39
Dimensions (HxWxD)	mm		290x795x230	290x795x230	290x795x230	290x1,050x230	290x1,050x230	290x1,050x230
Machine weight	kg		11.0	11.0	11.0	14.0	14.0	14.0
Piping connections	Liquid (Flare)	mm	ϕ6.4	ϕ6.4	ϕ6.4	ϕ6.4	ϕ6.4	ϕ9.5
	Gas (Flare)	mm	ϕ12.7	ϕ12.7	ϕ12.7	ϕ12.7	ϕ12.7	ϕ15.9
	Drain piping		VP13 (External Dia, 18/Internal Dia, 13)					

Floor Standing Type/Concealed Floor Standing Type

FXLQ

FXNQ

MODEL			FXLQ20MAVE / FXNQ20MAVE	FXLQ25MAVE / FXNQ25MAVE	FXLQ32MAVE / FXNQ32MAVE	FXLQ40MAVE / FXNQ40MAVE	FXLQ50MAVE / FXNQ50MAVE	FXLQ63MAVE / FXNQ63MAVE
Power supply			1 phase, 220-240 V/220 V, 50/60 Hz					
Cooling capacity	kcal/h (*1)		2,000	2,500	3,200	4,000	5,000	6,300
	Btu/h (*1)		7,800	9,900	12,600	16,000	19,800	24,900
	kW	(*1)	2.3	2.9	3.7	4.7	5.8	7.3
		(*2)	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	kcal/h		2,200	2,800	3,400	4,300	5,400	6,900
	Btu/h		8,500	10,900	13,600	17,100	21,500	27,300
	kW		2.5	3.2	4.0	5.0	6.3	8.0
Casing			FXLQ:Ivory white (5Y7.5/1) / FXNQ:Galvanized steel plate					
Airflow rate (H/L)	ℓ/s		116/100	116/100	133/100	183/141	233/183	266/200
	cfm		247/212	247/212	282/212	388/300	494/388	565/424
Sound level (H/L)	dB(A)	50 Hz/60 Hz 220V	35/32	35/32	35/32	38/33	39/34	40/35
		50 Hz 240V	37/34	37/34	37/34	40/35	41/36	42/37
Dimensions (HxWxD)	mm	FXLQ	600x1,000x222	600x1,000x222	600x1,140x222	600x1,140x222	600x1,420x222	600x1,420x222
		FXNQ	610x930x220	610x930x220	610x1,070x220	610x1,070x220	610x1,350x220	610x1,350x220
Machine weight	kg	FXLQ	25.0	25.0	30.0	30.0	36.0	36.0
		FXNQ	19.0	19.0	23.0	23.0	27.0	27.0
Piping connections	Liquid (Flare)	mm	ϕ6.4	ϕ6.4	ϕ6.4	ϕ6.4	ϕ6.4	ϕ9.5
	Gas (Flare)	mm	ϕ12.7	ϕ12.7	ϕ12.7	ϕ12.7	ϕ12.7	ϕ15.9
	Drain piping		ϕ21O.D.					

Note : Specifications are based on the following conditions ;
- Cooling : (*1) Indoor temp. of 27°CDB, 19.5°CWB, and outdoor temp. of 35.0°CDB.
  (*2) Indoor temp. of 27°CDB, 19.0°CWB, and outdoor temp. of 35.0°CDB.
- Heating : Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.
- Equivalent piping length : 7.5 m
- Level difference : 0 m
- Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See ENGINEERING DATA for details.)
- Sound level : **(FXAQ-MA)** Anechoic chamber conversion value, measured at a point 1 m in front of the unit and 1 m downward.
  (FXLQ-MA, FXNQ-MA) Anechoic chamber conversion value, measured at a point 1.5 m in front of the unit at a height of 1.5m.
  During actual operation, these values are normally somewhat higher as a result of ambient conditions.

INDOOR UNITS

Connection unit series indoor units

* A type of BEV unit is necessary for each Connection unit series indoor unit. Refer to the Engineering Data for details.
* If indoor units from the Connection unit series are connected within a single refrigerant system to indoor units from any other series, cooling/heating switchover will not be possible using the remote controller of the Connection unit series indoor units. However, if the remote controller of an indoor unit from the other series is set as a master remote controller, cooling/heating switchover will be possible.
* If all indoor units are from the Connection unit series, an outdoor unit Cool/Heat selector will be needed to enable cooling/heating switchover.
* Group control between Connection Unit series equipment within one system is possible. However, group control with the other VRV indoor units is not possible.

Ceiling Suspended Cassette Type

Model			Indoor unit	FXUQ71MAV1	FXUQ100MAV1	FXUQ125MAV1
			Connection unit	BEVQ71MAVE	BEVQ100MAVE	BEVQ125MAVE
Power supply				1 phase, 220-240 V, 50 Hz		
Cooling capacity			Kcal/h(*1)	7,100	10,000	12,500
			Btu/h(*1)	28,300	39,600	49,500
		kW	(*1)	8.3	11.6	14.5
			(*2)	8.0	11.2	14.0
Heating capacity (Max.)			Kcal/h	7,700	10,800	12,000
			Btu/h	30,700	42,700	47,800
			kW	9.0	12.5	14.0
Indoor unit	Casing			White(10Y9/0.5)		
	Airflow rate (H/L)		ℓ/s	316/233	483/350	533/383
			cfm	671/494	1,024/741	1,130/812
	Sound level (230 V)		dBA	40/35	43/38	44/39
	Dimensions (HxWxD)		mm	165×895×895	230×895×895	230×895×895
	Machine weight		kg	25	31	31
Piping connections		Liquid	mm	ϕ 9.5 (Flare)		
		Gas		ϕ 15.9 (Flare)		
		Drain piping		VP 20 (External Dia. 26/Internal Dia. 20)		

Note : Specifications are based on the following conditions ;
- Cooling : (*1) Indoor temp. of 27°CDB, 19.5°CWB, and outdoor temp. of 35.0°CDB.
  (*2) Indoor temp. of 27°CDB, 19.0°CWB, and outdoor temp. of 35.0°CDB.
- Heating : Indoor temp. of 20°CDB, and outdoor temp. of 7°CDB, 6°CWB.
- Equivalent piping length : 7.5 m
- Level difference : 0 m
- Capacity of indoor unit is only for reference. Actual capacity of indoor unit is based on the total capacity index. (See ENGINEERING DATA for details.)
- Sound level : **(FXUQ-MA)** Anechoic chamber conversion value, measured at a point 1.5 m below the unit centre.
  During actual operation, these values are normally somewhat higher as a result of ambient conditions.

OUTDOOR UNITS

Heat Pump

Model			RXYMQ4PV4A	RXYMQ5PV4A	RXYMQ6PV4A
Power supply			1 phase, 230–240 V, 50 Hz		
Cooling capacity (*1)	Kcal / h		9,600	12,000	13,300
	Btu / h		38,200	47,800	52,900
	kW		11.2	14.0	15.5
Heating capacity (*2)	Kcal / h		10,800	13,800	15,500
	Btu / h		42,700	54,600	61,400
	kW		12.5	16.0	18.0
Capacity control	%		24 to 100		
Casing colour			Ivory white (5Y7.5/1)		
Compressor			Hermetically sealed scroll type		
	Motor output	kW	2.5	3.0	3.5
Airflow rate	ℓ/s		1,766		
	m^3/min		106		
Dimensions (H x W x D)	mm		1,345 x 900 x 320		
Machine weight	kg		125		
Sound level (Cooling/Heating)	dB (A) (*3)		50/52	51/53	53/55
Sound power	dB (A)		68	—	—
Refrigerant			R-410A		
Refrigerant charge	kg		4.0		
Refrigerant oil			Refer to the name plate of the compressor.		
Piping connections	Liquid pipe	mm	ø9.5 (Flare)		
	Gas pipe	mm	ø15.9 (Flare)		ø19.1 (Brazing)

Note: Specifications are based on the following conditions;
- Cooling: (*1) Indoor temp. of 27°C DB, 19.0°C WB, and outdoor temp. of 35.0°C DB.
- Heating: (*2) Indoor temp. of 20°C DB, and outdoor temp. of 7°C DB, 6°C WB.
- (*1)(*2) Equivalent piping length: 7.5 m, level difference 0 m.
- Sound level: (*3) Anechoic chamber conversion value, measured at a point 1 m in front of the unit at a height of 1.5 m. During actual operation, these values are normally somewhat higher as a result of ambient conditions.
- Refrigerant charge is required.

OPTION LIST

INDOOR UNITS

Ceiling Mounted Cassette (Double Flow) Type

No.	Item \ Type		FXCQ20M FXCQ25M FXCQ32M	FXCQ40M	FXCQ50M	FXCQ63M	FXCQ80M	FXCQ125M
1	Decoration Panel		BYBC32G-W1	BYBC50G-W1		BYBC63G-W1	BYBC125G-W1	
2	Filter related	High efficiency filter 65% ★1	KAFJ532G36	KAFJ532G56		KAFJ532G80	KAFJ532G160	
		High efficiency filter 90% ★1	KAFJ533G36	KAFJ533G56		KAFJ533G80	KAFJ533G160	
		Filter chamber | bottom suction	KDDFJ53G36	KDDFJ53G56		KDDFJ53G80	KDDFJ53G160	
		Long life replacement filter	KAFJ531G36	KAFJ531G56		KAFJ531G80	KAFJ531G160	

Note: ★1 Filter chamber is required if installing high efficiency filter.

Ceiling Mounted Cassette (Multi Flow) Type

No.	Item \ Type		FXFQ25M	FXFQ32M	FXFQ40M	FXFQ50M	FXFQ63M	FXFQ80M	FXFQ100M	FXFQ125M
1	Decoration Panel		BYCP125D-W1							
2	Sealing member of air discharge outlet		KDBH55D160W							
3	Panel spacer		KDBP55H160WA							
4	Filter related	High efficiency filter unit 65%	KAFP556D80						KAFP556D160	
		High efficiency filter unit 90%	KAFP557D80						KAFP557D160	
		Replacement high efficiency filter 65%	KAFP552H80						KAFP552H160	
		Replacement high efficiency filter 90%	KAFP553H80						KAFP553H160	
		Filter chamber	KDDFP55D160							
		Long life replacement filter | Non-woven type	KAFJ551C160							
		Ultra long-life filter	KAFP55D160							
		Replacement ultra long-life filter	KAFJ55K160H							
5	Fresh air intake kit	Chamber type | Without T shape and fan	KDDP55D160							
		Chamber type | With T shape without fan	KDDP55D160K							
		Direct installation type	KDDJ55X160							
6	Branch duct chamber		KDP55D80						KDP55D160	
7	Chamber connection kit		KKSJ55K160							
8	Insulation kit for high humidity		KDT-55D80						KDT-55D160	

Ceiling Mounted Cassette (Compact Multi Flow) Type

No.	Item \ Type		FXZQ20M8	FXZQ25M8	FXZQ32M8	FXZQ40M8	FXZQ50M8
1	Decoration panel		BYFQ60B7W1				
2	Sealing member of air discharge outlet		KDBHQ44B60				
3	Panel spacer		KDBQ44B60				
4	Replacement long-life filter		KAFQ441B60				
5	Fresh air intake kit	Direct installation type	KDDQ44X60				

Ceiling Mounted Cassette Corner Type

No.	Item \ Type		FXKQ25MA	FXKQ32MA	FXKQ40MA	FXKQ63MA
1	Panel related	Decoration Panel	BYK45FJW1			BYK71FJW1
		Panel Spacer	KPBJ52F56W			KPBJ52F80W
2	Air inlet and air discharge outlet related	Long life replacement filter	KAFJ521F56			KAFJ521F80
		Air discharge grille	K-HV7AW			K-HV9AW
		Air discharge blind panel	KDBJ52F56W			KDBJ52F80W
		Flexible duct (with shutter)	KFDJ52FA56			KFDJ52FA80

INDOOR UNITS

Ceiling Mounted Built-in Type

No.	Item \ Type			FXSQ20M FXSQ25M FXSQ32M	FXSQ40M FXSQ50M	FXSQ63M	FXSQ80M FXSQ100M	FXSQ125M
1	Panel related	Decoration Panel		BYBS32DJW1	BYBS45DJW1	BYBS71DJW1	BYBS125DJW1	
		Access panel		KTBJ25K36W	KTBJ25K56W	KTBJ25K80W	KTBJ25K160W	
2	★1 Auxiliary electric heater	Model	(220 V–240 V)	KEA25K32VE	KEA25K50VE	KEA25K63VE	KEA25K100VE	KEA25K125VE
		Capacity	kW	0.75	1.2	1.4	2.1	2.8
3	Filter related	★2 High efficiency filter 65%		KAFJ252L36	KAFJ252L56	KAFJ252L80	KAFJ252L160	
		★2 High efficiency filter 90%		KAFJ253L36	KAFJ253L56	KAFJ253L80	KAFJ253L160	
		Long life replacement filter		KAFJ251K36	KAFJ251K56	KAFJ251K80	KAFJ251K160	
		Filter chamber	For bottom suction	KAJ25L36D	KAJ25L56D	KAJ25L80D	KAJ25L160D	
			For rear suction	KAJ25L36B	KAJ25L56B	KAJ25L80B	KAJ25L160B	
4	Air inlet and air discharge outlet related	Air suction canvas		KSA-25K36	KSA-25K56	KSA-25K80	KSA-25K160	
		Screening door		KBBJ25K36	KBBJ25K56	KBBJ25K80	KBBJ25K160	
		Air suction flange		KDJ2507K36	KDJ2507K56	KDJ2507K80	KDJ2507K160	
		Air discharge adaptor		KDAJ25K36	KDAJ25K56	KDAJ25K71	KDAJ25K140	
5	Natural evaporating pan type humidifier ★1			KNM25K32V1	KNM25K50V1	KNM25K63V1	KNM25K125V1	

Note: ★1 One adaptor for wiring (KRP1B61) per indoor unit is required if installing an electric heater or a natural evaporating pan type humidifier.
An electric heater cannot be used for VRV system cooling only.
★2 If installing a high filter in the ceiling mounted built-in type, an assembly chamber for either bottom or rear suction is required.

Ceiling Concealed (Duct) Type

No.	Item \ Type	FXDYQ80M	FXDYQ100M	FXDYQ125M	FXDYQ145M
1	Hanging bracket kit	KMBK			
2	Run/fault status PCB	KRP1B5X			

Ceiling Mounted Duct Type

No.	Item \ Type		FXMQ40MA	FXMQ50MA	FXMQ63MA	FXMQ80MA	FXMQ100MA	FXMQ125MA
1	Drain pump kit		KDU-30L125VE					
2	High efficiency filter	65%	KAFP372A80				KAFP372A160	
		90%	KAFP373A80				KAFP373A160	
3	Filter chamber		KDDFP37A80				KDDFP37A160	
4	Long life replacement filter		KAFP371A80				KAFP371A160	

Ceiling Suspended Type

No.	Item \ Type	FXHQ32MA	FXHQ63MA	FXHQ100MA
1	Drain pump kit	KDU50M60VE	KDU50M125VE	
2	Replacement long-life filter (Resin net)	KAFJ501D56	KAFJ501D80	KAFJ501D112
3	L-type piping kit (for upward direction)	KHFP5M35	KHFP5M63	

Wall Mounted Type

No.	Item \ Type	FXAQ20MA	FXAQ25MA	FXAQ32MA	FXAQ40MA	FXAQ50MA	FXAQ63MA
1	Drain pump kit	K-KDU572CVE					

Floor Standing Type

No.	Item \ Type	FXLQ20MA	FXLQ25MA	FXLQ32MA	FXLQ40MA	FXLQ50MA	FXLQ63MA
1	Long life replacement filter	KAFJ361K28		KAFJ361K45		KAFJ361K71	

OPTION LIST

●INDOOR UNITS●

Concealed Floor Standing Type

No.	Item \ Type	FXNQ20MA	FXNQ25MA	FXNQ32MA	FXNQ40MA	FXNQ50MA	FXNQ63MA
1	Long life replacement filter	KAFJ361K28		KAFJ361K45		KAFJ361K71	

Ceiling Suspended Cassette Type

No.	Item \ Type	FXUQ71MAV1	FXUQ100MAV1	FXUQ125MAV1
1	Replacement long-life filter	KAFJ495F140		
2	Sealing member of air discharge outlet (*1)	KDBHJ49F80	KDBHJ49F140	
3	Decoration panel for air discharge	KDBTJ49F80	KDBTJ49F140	
4	Vertical flap kit	KDGJ49F80	KDGJ49F140	
5	L-shape piping kit	KHFP49M140		

Note: (*1): This option is necessary for setting up 2-way (opposing directional) airflow when the air conditioner is installed.

●OUTDOOR UNITS●

Heat Pump

No.	Item \ Type	RXYMQ4PV4A	RXYMQ5PV4A	RXYMQ6PV4A
1	Cool/Heat Selector	KRC19-26A		
1-1	Fixing Box	KJB111A		
2	REFNET Header	KHRP26M22H (Max. 4 branch)		
		KHRP26M33H (Max. 8 branch)		
3	REFNET Joint	KHRP26M22T		
4	Central drain plug	KKPJ5F180		
5	Fixture for preventing overturning	KPT-60B160		
6	Wire fixture for preventing overturning	K-KYZP15C		

●CONTROL SYSTEMS●

Operation Control System Optional Accessories

No.	Item \ Type		FXCQ-M	FXFQ-M	FXZQ-M8	FXKQ-MA	FXDQ-P FXDQ-NA	FXSQ-M	FXDYQ-M	FXMQ-MA	FXHQ-MA	FXAQ-MA	FXLQ-MA FXNQ-MA	FXUQ-MA
1	Remote controller	Wireless	BRC7C62	BRC7E61W	BRC7E61W	BRC4C61	BRC4C62	BRC4C62	BRC4C62	BRC4C62	BRC7E63W	BRC7E618	BRC4C62	BRC7C528W
		Wired	BRC1C62											
2	Wired remote controller with weekly schedule timer		BRC1D61											
3	Simplified remote controller (Exposed type)		–				BRC2C51				–		BRC2C51	–
4	Remote controller for hotel use (Concealed type)		–				BRC3A61				–		BRC3A61	–
5	Adaptor for wiring		★KRP1B61	★KRP1B59	★ KRP1B57	KRP1B61	★ KRP1B56	KRP1B61			KRP1B3	–	KRP1B61	–
6-1	Wiring adaptor for electrical appendices (1)		★KRP2A61	★KRP2A62	★ KRP2A62	KRP2A61	★ KRP2A53	KRP2A61			★ KRP2A62	★ KRP2A61	KRP2A61	★ KRP2A62
6-2	Wiring adaptor for electrical appendices (2)		★KRP4A51	★KRP4A53	★ KRP4A53	KRP4A51	★ KRP4A54	KRP4A51			★ KRP4A52	★ KRP4A51	KRP4A51	★ KRP4A53
7	Remote sensor		KRCS01-1	–	KRCS01-1		KRCS01-1							
8	Installation box for adaptor PCB☆		Note 2,3 KRP1B96	Note 2,3 KRP1D98	Note 4,6 KRP1B101	–	Note 4,6 KRP1B101	Note 5 KRP4A91	–		Note 3 KRP1C93	Note 2,3 KRP4A93	–	KRP1B97
9	External control adaptor for outdoor unit (Must be installed on indoor units)		★DTA104A61	★DTA104A62		DTA104A61	★ DTA104A53	DTA104A61			★DTA104A62	★DTA104A61	DTA104A61	–

Note: 1. Installation box ☆ is necessary for each adaptor marked ★.
2. Up to 2 adaptors can be fixed for each installation box.
3. Only one installation box can be installed for each indoor unit.
4. Up to 2 installation boxes can be installed for each indoor unit.
5. Installation box ☆ is necessary for second adaptor.
6. Installation box ☆ is necessary for each adaptor.

●CONTROL SYSTEMS●

System Configuration

No.	Item		Model No.	Function
1	Central remote controller		Note 2, DCS302CA61	•Up to 64 groups of indoor units (128 units) can be connected, and ON/OFF, temperature setting and monitoring can be accomplished individually or simultaneously. Connectable up to 2 controllers in one system.
1-1	Electrical box with earth terminal (3 blocks)		KJB311A	
2	Unified ON/OFF controller		Note 2 DCS301BA61	•Up to 16 groups of indoor units (128 units) can be turned, ON/OFF individually or simultaneously, and operation and malfunction can be displayed. Can be used in combination with up to 8 controllers.
2-1	Electrical box with earth terminal (2 blocks)		KJB212A	
2-1	Noise filter (for electromagnetic interface use only)		KEK26-1	
3	Schedule timer		Note 2 DST301BA61	•Programmed time weekly schedule can be controlled by unified control for up to 64 groups of indoor units (128 units). Can turn units ON/OFF twice per day.
4	Interface adaptor for SkyAir-series	For SkyAir, FD(Y)M-FA, FDY-KA FDYB-KA, FVY(P)J-A	★ DTA102A52	•Adaptors required to connect products other than those of the VRV System to the high-speed DIII-NET communication system adopted for the VRV System. * To use any of the above optional controllers, an appropriate adaptor must be installed on the product unit to be controlled.
5	Central control adaptor kit	For UAT(Y)-K(A),FD-K	★ DTA107A55	
6	Wiring adaptor for other air-conditioner		★ DTA103A51	
7	DIII-NET Expander Adaptor		DTA109A51	•Up to 1024 units can be centrally controlled in 64 different groups. •Wiring restrictions (max. lengh: 1,000m, total wiring lengh: 2,000m, max. number of branches: 16) apply to each adaptor.
7-1	Mounting plate		KRP4A92	•Fixing plate for DTA109A51

Notes: 1. Installation box for ★adaptor must be obtained locally.
2. For FXUQ-MAV1, an interface adaptor (DTA102A52) for the SkyAir series is necessary.

Building Management System

No.	Item					Model No.	Function
1	intelligent Touch Controller	Basic	Hardware	intelligent Touch Controller		DCS601C51	•Air-Conditioning management system that can be controlled by a compact all-in-one unit.
1-1		Option	Hardware	DIII-NET plus adaptor		DCS601A52	•Additional 64 groups (10 outdoor units) is possible.
1-2			Software	PPD		DCS002C51	•PPD: Power Proportional Distribution function
1-3				Web		DCS004A51	•Monitors and controls the air conditioning system using the Internet and a Web browser application on a PC.
1-4	Electrical box with earth terminal (4 blocks)					KJB411A	•Wall embedded switch box.
2	intelligent Manager III	Basic	Hardware	Number of units to be connected	128 units	DAM602B52	•Air conditioner management system that can be controlled by personal computers.
					256 units	DAM602B51	
					512 units	DAM602B51×2	
					768 units	DAM602B51×3	
					1024 units	DAM602B51×4	
2-1		Option	Software		PPD	DAM002A51	•Power Proportional Distribution function
2-2					Web	DAM004A51	•Monitors and controls the air conditioning system using the Internet and a Web browser application on a PC.
2-3					ECONO	DAM003A51	•ECONO (Energy saving functions.)
2-4	Optional DIII Ai unit					DAM101A51	•External temperature sensor for intelligent Manager III.
2-5	Di unit					DEC101A51	•8 pairs based on a pair of On/Off input and abnormality input.
2-6	Dio unit					DEC102A51	•4 pairs based on a pair of On/Off input and abnormality input.
3	Communication line	*1 Interface for use in BACnet®				DMS502B51	•Interface unit to allow communications between VRV and BMS. Operation and monitoring of air-conditioning systems through BACnet® communication.
3-1		Optional DIII board				DAM411B51	•Expansion kit, installed on DMS502B51, to provide 2 more DIII-NET communication ports. Not usable independently.
3-2		Optional Di board				DAM412B51	•Expansion kit, installed on DMS502B51, to provide 16 more wattmeter pulse input points. Not usable independently.
4		*2 Interface for use in LONWORKS®				DMS504B51	•Interface unit to allow communications between VRV and BMS. Operation and monitoring of air-conditioning systems through LONWORKS® communication.
5	Contact/analogue signal	Parallel interface Basic unit				DPF201A51	•Enables ON/OFF command, operation and display of malfunction; can be used in combination with up to 4 units.
6		Temperature measurement units				DPF201A52	•Enables temperature measurement output for 4 groups; 0-5VDC.
7		Temperature setting units				DPF201A53	•Enables temperature setting input for 16 groups; 0-5VDC.
8		Unification adaptor for computerised control				★ DCS302A52	•Interface between the central monitoring board and central control units.

Note : *1. BACnet® is a registered trademark of American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE).
*2. LONWORKS® is a registered trade mark of Echelon Corporation.
*3. Installation box for ★adaptor must be obtained locally.